1970 (ENSUS OF HOUSING

Metropolitan Housing Characteristics

ERIE, PA.
STANDARD METROPOLITAN
STATISTICAL AREA

	For list of contents see page VIII
Table	
1, 11, 19	VALUE
2, 12, 20	GROSS RENT
3, 13, 21	INCOME IN 1969
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
5, 15, 23	ROOMS
6, 16, 24	UNITS IN STRUCTURE
7, 17, 2 5	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

LIST OF HC(2) REPORTS

Report iumber	Area	Report number	Area	Report number	Area
	,		71104		71101
1	United States and Regions	43	Chattanooga, TennGa. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMS
2	Abilene, Tex. SMSA	44	Chicago, III. SMSA	86	Greenville, S.C. SMSA
3	Akron, Ohio SMSA	45	Cincinnati, Ohio-KyInd. SMSA	87	Hamilton-Middletown, Ohio SMSA
4	Albany, Ga. SMSA	46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, PaN.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Altoona, Pa. SMSA	50	Columbus, GaAla. SMSA	92	Huntington-Ashland, W. VaKy, Ohio SMSA
9	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-III. SMSA	97	Jacksonville, Fla. SMSA
14	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, III. SMSA	99	Johnstown, Pa. SMSA
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
17	Augusta, GaS.C. SMSA	59	Des Moines, Iowa SMSA	101	Kansas City, MoKans. SMSA
18	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	102	Kenosha, Wis. SMSA
19	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	103	Knoxville, Tenn. SMSA
20	Baltimore, Md. SMSA	62	Duluth-Superior, MinnWis. SMSA	104	La Crosse, Wis. SMSA
21	Baton Rouge, La. SMSA	63	Durham, N.C. SMSA	105	Lafayette, La. SMSA
22	Bay City, Mich. SMSA	64	El Paso, Tex. SMSA	106	Lafayette-West Lafayette, Ind. SMSA
23	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA	107	Lake Charles, La. SMSA
24	Billings, Mont. SMSA	66	Eugene, Oreg. SMSA	108	Lancaster, Pa. SMSA
25	Biloxi-Gulfport, Miss. SMSA	67	Evansville, IndKy. SMSA	109	Lansing, Mich. SMSA
26	Binghamton, N.YPa. SMSA	68	Fall River, MassR.I. SMSA	110	Laredo, Tex. SMSA
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. DakMinn. SMSA	111	Las Vegas, Nev. SMSA
28	Bloomington-Normal, III. SMSA	70	Fayetteville, N.C. SMSA	112	Lawrence-Haverhill, MassN.H. SMSA
29	Boise City, Idaho SMSA	71	Fitchburg-Leominster, Mass. SMSA	113	Lawton, Okla. SMSA
30	Boston, Mass. SMSA	72	Flint, Mich. SMSA	114	Lewiston-Auburn, Maine SMSA
31	Bridgeport, Conn. SMSA	73	Fort Lauderdale-Hollywood, Fla. SMSA	115	Lexington, Ky. SMSA
32	,	74	Fort Smith, ArkOkla. SMSA	ı	Lima, Ohio SMSA
33	Brockton, Mass. SMSA	75	Fort Wayne, Ind. SMSA	l	Lincoln, Nebr. SMSA
34	Brownsville-Harlingen-San Benito, Tex. SMSA	76	Fort Worth, Tex. SMSA	118	Little Rock-North Little Rock, Ark. SMSA
35	Bryan-College Station, Tex. SMSA	77	Fresno, Calif. SMSA		Lorain-Elyria, Ohio SMSA
36	Buffalo, N.Y. SMSA	78	Gadsden, Ala. SMSA	120	Los Angeles-Long Beach, Calif. SMSA
37	Canton, Ohio SMSA	79	Gainesville, Fla. SMSA		Louisville, KyInd. SMSA
38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	122	Lowell, Mass. SMSA
39	Champaign-Urbana, III. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA	123	Lubbock, Tex. SMSA
40 41	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	ı	Lynchburg, Va. SMSA
41 42	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA		Macon, Ga. SMSA
42	Charlotte, N.C. SMSA	I 84	Green Bay, Wis. SMSA		Madison, Wis. SMSA

Report	Area	Report number	Area	Report	
			•		
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA	211	
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	212	Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, OregWash. SMSA	213	Steubenville-Weirton, Ohio- W. Va. SMSA
130	Memphis, Tenn. Ark. SMSA	172	Providence-Pawtucket-Warwick, R.IMass. SMSA	214	Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	215	Syracuse, N.Y. SMSA
132	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA	216	Tacoma, Wash. SMSA
133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	217	Tallahassee, Fla. SMSA
134	Milwaukee, Wis. SMSA	176	Raleigh, N.C. SMSA	218	Tampa-St. Petersburg, Fla. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	177	Reading, Pa. SMSA	219	Terre Haute, Ind. SMSA
136	Mobile, Ala. SMSA	178	Reno, Nev. SMSA	220	Texarkana, TexArk. SMSA
137	Modesto, Calif. SMSA	179	Rìchmond, Va. SMSA	221	Toledo, Ohio-Mich. SMSA
138	Monroe, La. SMSA	180	Roanoke, Va. SMSA	222	Topeka, Kans. SMSA
139	Montgomery, Ala. SMSA	181	Rochester, Minn. SMSA	223	Trenton, N.J. SMSA
140	Muncie, Ind. SMSA	182	Rochester, N.Y. SMSA	224	Tucson, Ariz. SMSA
141	Muskegon-Muskegon Heights, Mich. SMSA	183	Rockford, III. SMSA	225	Tulsa, Okla. SMSA
142	Nashua, N.H. SMSA	184	Sacramento, Calif. SMSA	226	Tuscaloosa, Ala. SMSA
143	Nashville-Davidson, Tenn. SMSA	185	Saginaw, Mich. SMSA	227	Tyler, Tex. SMSA
144	New Bedford, Mass. SMSA	186	St. Joseph, Mo. SMSA	228	Utica-Rome, N.Y. SMSA
145	New Britain, Conn. SMSA	187	St. Louis, MoIII. SMSA	229	Vallejo-Napa, Calif. SMSA
146	New Haven, Conn. SMSA	188	Salem, Oreg. SMSA	230	Vineland-Millville-Bridgeton, N.J. SMSA
147	New Landon-Groton-Norwich, Conn. SMSA	189	Salinas-Monterey, Calif. SMSA	231	Waco, Tex. SMSA
148	New Orleans, La. SMSA	190	Salt Lake City, Utah SMSA	232	Washington, D.CMdVa. SMSA
149	New York, N.Y. SMSA	191	San Angelo, Tex. SMSA	233	Waterbury, Conn. SMSA
150	Newark, N.J. SMSA	192	San Antonio, Tex. SMSA	234	Waterloo, Iowa SMSA
151	Newport News-Hampton, Va. SMSA	193	San Bernardino-Riverside-Ontario, Calif. SMSA	235	West Palm Beach, Fla. SMSA
152	Norfolk-Portsmouth, Va. SMSA	194	San Diego, Calif. SMSA	236	Wheeling, W. VaOhio SMSA
153	Norwalk, Conn. SMSA	195	San Francisco-Oakland, Calif. SMSA	237	Wichita, Kans. SMSA
154	Odessa, Tex. SMSA	196	San Jose, Calif. SMSA	238	Wichita Falls, Tex. SMSA
155	Ogden, Utah SMSA	197	Santa Barbara, Calif. SMSA	239	Wilkes-Barre-Hazleton, Pa. SMSA
156	Oklahoma City, Okla. SMSA	198	Santa Rosa, Calif. SMSA	240	Wilmington, DelN.JMd. SMSA
157	Omaha, NebrIowa SMSA	199	Savannah, Ga. SMSA	241	Wilmington, N.C. SMSA
158	Orlando, Fla. SMSA	200	Scranton, Pa. SMSA	242	Worcester, Mass. SMSA
159	Owensboro, Ky. SMSA	201	Seattle-Everett, Wash. SMSA	243	York, Pa. SMSA
160	Oxnard-Ventura, Calif. SMSA	202	Sherman-Denison, Tex. SMSA	244	Youngstown-Warren, Ohio SMSA
161	Paterson-Clifton-Passaic, N.J. SMSA	203	Shreveport, La. SMSA		
				245	Caguas, Puerto Rico SMSA
	Pensacola, Fla. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, Puerto Rico SMSA
1	Peoria, III. SMSA	205	Sioux Falls, S. Dak. SMSA	247	Ponce, Puerto Rico SMSA
164	Petersburg-Colonial Heights, Va. SMSA	206	South Bend, Ind. SMSA	248	San Juan, Puerto Rico SMSA
165	Philadelphia, PaN.J. SMSA	207	Spokane, Wash. SMSA		
166	Phoenix, Ariz. SMSA	208	Springfield, III. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
l 168	Pittsburgh, Pa. SMSA	210	Springfield, Ohio SMSA		•

TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rant asked
OCCUPANCY AND VACANCY CHARACTERISTICS Year moved into unit Duration of vacancy	1, 11*, 19† —	2, 12*, 20† –	3, 13*, 21† -	_ 91	_ 9	6, 16*, 24† 9	-	-	-	9
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Number of bedrooms Persons per room	1, 11*, 19† 1, 11*, 19† 1, 11* 1, 11*	2, 12*, 20† 2, 12*, 20† 2, 12* 2, 12*	3, 13*, 21† 3, 13*, 21† 3, 13* 4, 14*, 22†	5, 15*, 23† 4, 14*, 22† —	5, 15*, 23† 5, 15* 5, 15*	6, 16*, 24† 8, 18*, 26† 6, 16* 6, 16*, 24†	 8, 18*, 26† 7, 17*, 25†	5, 15*, 23† - 8, 18* 4, 14*, 22†	9 - 9 -	- 10 -
PLUMBING CHARACTERISTICS Plumbing facilities Plumbing facilities by persons per room Complete bathrooms	_ 1, 11*, 19† 1, 11*, 19†	2,12*,20† 2,12*,20†	4, 14*, 22† —		5, 15*, 23† 5, 15*, 23†	6, 16*, 24† –	_ 7, 17*, 25† _	- 4, 14*, 22† 8, 18*, 26†	9 	10
STRUCTURAL CHARACTERISTICS Units in structure Year structure built Elevator in structure	1, 11*, 19† –	6, 16*, 24† 2, 12*, 20† 2, 12*	6, 16*, 24† 3, 13*, 21† –	6, 16*, 24† 4, 14*, 22† —	6, 16*, 24† 5, 15*, 23†	6, 16*, 24† –	7, 17*, 25† - -	8, 18*, 26† 8, 18*, 26† –	9 9 -	10
EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer	1, 11*, 19t - - - -	2, 12*, 20t - - - - - -	3, 13*, 21t 3, 13*, 21t 3, 13* 3, 13* 3, 13* 3, 13* 3, 13*	4, 14*, 22† - - - - - - -	- - - - - -	6, 16°, 24† 6, 16°, 24† 6, 16°, 24† - -		111111	9	-
FINANCIAL CHARACTERISTICS Value Value-income ratio Gross rent Gross rent as percentage of income Gross rent as percentage of income by income Sales price asked Rent asked	-	2, 12*, 20t	-	4, 14*, 22† 2, 12*, 20† 4, 14*, 22† — 10¹	1, 11*, 19† 5, 15*, 23† 2, 12*, 20† 5, 15*, 23†	- 6, 16*, 24† - - - 10	7, 17*, 25† - -	1, 11*, 19† 8, 18*, 26† 2, 12*, 20† 8, 18*, 26†	- - - - 9	-
Inclusion of utilities in rent HOUSEHOLD CHARACTERISTICS Household composition by age of head Income in 1969	1, 11*, 19†	7, 17*, 25† 2, 12*, 20†	7, 17*, 25†	_	- 3, 13*, 21†	7, 17*, 25†		8, 18*, 26† 3, 13*, 21†	-	-

 $^{^{\}rm L}{\rm Vacant}$ units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

Α.	Area Classifications	App-
В.	Definitions and Explanations of Subject Characteristics	App-2
C.	Accuracy of the Data	App-14
D.	Publication and Computer Summary Tape Program	App-20

GENERAL	٧
Organization of the text	٧
Content of the tables	V
Sample size	٧
Derived figures (medians, etc.)	۷I
Symbols	VI
Boundaries	VI
DATA COLLECTION PROCEDURES	VI
PROCESSING PROCEDURES	

GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page 11. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census,

Organization of the text.-The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).-Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal partsone-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar, In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000-." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

Symbols.—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the population of the United States, the householder was requested to fill out and mail back the form on Census Day, Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

INTRODUCTION-Continued

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Erie, Pa. standard metropolitan statistical area

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 65.§

page

MAP

Counties, Standard Metropolitan Statistical Areas, and Selected Places

х

INDEX OF TABLES

[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19 -2 6
		Pages	Pages	Pages
Total SMSA	A B	1 to 9 10 to 18	- -	- -

CONTENTS—Continued

LIST OF TABLES

[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Puerto Rican birth or parentage]

TABLE Value of Owner Occupied Housing Units: 1970 Gross Rent of Renter Occupied Housing Units: 1970 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970 Rooms in Owner and Renter Occupied Housing Units: 1970 Units in Structure for Owner and Renter Occupied Housing Units: 1970 Household Composition for Owner and Renter Occupied Housing Units: 1970 Persons in Owner and Renter Occupied Housing Units: 1970 Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970 Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970 11 Value of Owner Occupied Housing Units With Negro Head of Household: 1970 Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970 Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Negro

Head of Household: 1970

TABLE 1.5 Rooms in Owner and Renter Occupied Housing Units

- With Negro Head of Household: 1970
- 16 Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 17 Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 18 Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 19 Value of Owner Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
- 20 Gross Rent of Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
- 2] Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
- Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
- Rooms in Owner and Renter Occupied Housing Units
 With Household Head of Puerto Rican Birth or
 Parentage: 1970
- 24 Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
- Household Composition for Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970
- Persons in Owner and Renter Occupied Housing Units With Household Head of Puerto Rican Birth or Parentage: 1970

Counties, Standard Metropolitan Statistical Areas, and Selected Places

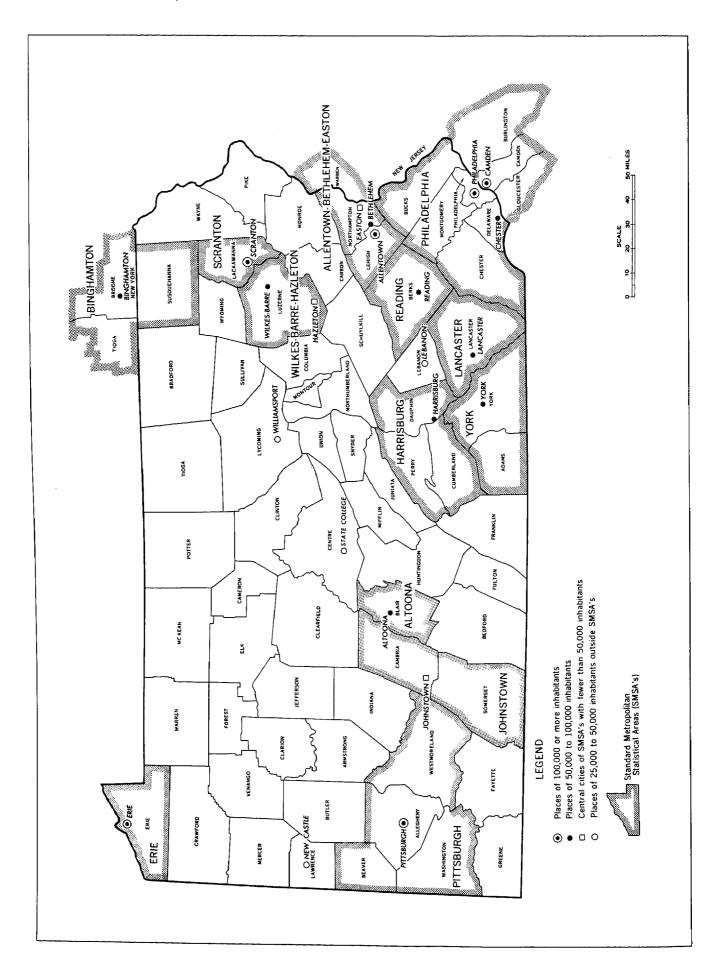


Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

	[Dota basea c	m sumple, see	text. For thir	iinum base to	r derived tigu	res (percent, n	nealan, etc.) a	ind meaning of	t symbols, see	text]		
The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	to	\$25,000 to \$34,999	\$35,000 fo \$49,999	or	Median (dollars)
Specified owner occupied ¹	44 908	1 225	3 313	5 804	6 817	6 472	10 267	5 181	3 576	1 614	639	14 500
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 7 rooms 8 rooms or more Median	84 351 3 958 10 948 15 222 7 998 6 347 6.0	39 89 238 354 285 101 119 5.2	10 75 515 649 970 579 515 5.9	16 66 676 1 067 1 962 1 217 800 6.0	33 814 1 617 2 464 1 047 842 5.9	10 44 759 1 827 2 328 986 518 5.8	4 20 707 3 427 3 754 1 564 791 5.8	188 1 1 479 1 956 1 052 498 6.0	5 16 51 457 1 182 1 035 830 6.6	- 10 71 283 355 895 7.5 +	38 62 539 7.5+	7 900 11 700 14 900 14 600 15 200 17 000
PERSONS 1	12 228 7 607 7 991 5 891 6 806 3.3	308 421 108 131 109 148 2.2 86	607 953 476 441 354 482 2.7 97	862 1 751 966 752 559 914 2.8	850 2 013 1 134 1 019 823 978 3.0	522 1 794 1 113 1 204 895 944 3.3	739 2 543 1 880 2 063 1 523 1 519 3.5	284 1 332 851 1 134 770 810 3.6	116 954 706 793 524 483 3.5	66 322 233 328 272 393 4.1	31 145 140 126 62 135 3.5	11 200 13 900 15 000 16 000 15 600 14 800
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking same or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.01 to 1.50	44 503 22 528 19 334 2 355 286 405 223 130 33 19	1 047 666 269 87 25 178 101 57 20	3 217 1 870 1 082 221 44 96 45 33 13	5 749 3 343 2 046 328 32 55 31 19	6 776 3 601 2 763 377 35 41 35 6	6 463 3 053 2 892 454 64 9	10 241 4 561 5 056 563 61 26 11	5 181 2 258 2 692 222 9	3 576 1 898 1 571 91 16 	1 614 821 781 12 - - - -	457 182 	14 600 14 000 15 500 13 400 12 800 5 600 5 600 5 600
BEDROOMS None and 1	707 9 138 23 910 10 829	62 294 504 210	193 829 1 186 892	115 1 328 3 294 1 103	122 1 800 3 225 1 490	82 1 480 3 494 1 696	80 1 912 6 000 1 976	17 1 055 3 391 1 118	36 319 2 257 1 204	121 442 737	- 117 403	9 600 13 000 15 200 15 000
YEAR STRUCTURE BUILT 1989 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	726 3 117 3 877 12 292 5 300 19 596	5 23 15 97 140 945	17 24 31 200 275 2 766	5 34 80 652 555 4 478	26 92 244 1 310 938 4 207	20 217 492 1 935 1 012 2 796	81 723 1 178 4 294 1 436 2 555	138 668 816 2 061 580 918	197 730 695 1 171 253 530	185 429 274 373 82 271	52 177 52 199 29	28 600 23 300 19 600 17 100 14 300 11 000
COMPLETE BATHROOMS 1 and 1 1/2	39 062 4 707 529 712	1 034 11 - 220	3 165 123 - 116	5 531 159 15 114	6 476 203 18 111	5 931 310 7 44	9 530 682 53 87	4 281 800 5	2 383 1 063 96	635 985 118 6	96 371 217	13 900 25 600 44 000 7 900
HOUSEHOLD COMPOSITION Twe-ar-more-person households. Male head, wife present, no nonrelatives. Under 25 years. 25 to 34 years. 35 to 44 years. 35 to 44 years. 65 years and over. Other male head. Under 65 years. 65 years and over. Other male head. Under 65 years. 65 years households. Under 65 years. 65 years and over. One-person households. Under 65 years. 65 years and over. One-person households.	40 523 35 960 684 5 826 8 720 16 479 4 251 1 678 1 285 393 2 885 1 949 949 949 949 949 949 949 949 949 949	917 616 41 99 100 242 134 98 62 36 203 124 79 308 81	2 706 2 207 69 342 386 987 423 178 131 47 321 205 116 607 184 423	4 942 4 160 70 552 870 1 889 779 262 169 93 520 357 163 862 345 517	5 967 5 231 115 731 1 135 2 510 740 247 179 68 489 321 168 850 383 467	5 950 5 245 136 922 1 235 2 258 694 287 228 59 418 255 163 522 256	9 528 8 728 184 1 672 2 123 3 997 752 260 216 44 540 408 132 739 370 369	4 897 4 561 38 784 1 224 2 160 355 141 113 28 195 140 55 284 154	3 460 3 188 21 512 962 1 435 258 131 118 13 141 108 33 116 77	1 548 1 463 10 187 550 643 73 44 39 5 41 26 15 66	408 561 - 25 135 358 43 30 30 - 17 52 11 10	14 900 15 300 13 400 15 700 16 300 15 400 12 700 13 600 13 600 12 000 12 200 11 600 11 200 11 200 11 200 11 200
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$5,000 to \$6,999 \$7,000 to \$9,999 \$7,000 to \$9,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	3 166 1 673 1 542 1 514 2 028 2 409 10 951 13 539 6 424 1 662 \$9 800	358 93 88 38 143 84 236 123 52 10 \$5 200	461 270 238 213 319 278 787 599 148 56 600	647 298 279 315 332 428 1 722 1 367 377 377 39 \$8 100	558 360 266 322 335 481 1 865 1 861 708 61 \$8 700	412 205 253 189 291 421 1 791 2 220 632 58 \$9 500	435 271 246 277 373 443 2 832 3 772 1 468 150 \$10 300	178 142 106 114 161 140 1 054 1 998 1 091 197 \$11 700	81 29 58 23 49 98 491 1 201 1 201 1 240 306 \$14 000	19 - 8 19 14 27 136 316 545 530 \$19,900	17 5 - 4 11 9 37 82 163 311 \$24 500	10 500 11 200 11 600 11 500 11 600 12 200 13 700 15 700 19 400 35 300
YEAR MOVED INTO UNIT 1969 to Morch 1970	3 434 2 958 2 642 4 609 8 070 13 867 9 430	104 41 36 88 185 323 488	215 117 143 239 503 873	214 326 243 435 824 1 843 1 934	406 346 353 455 1 057 2 259 1 932	477 335 344 561 1 149 2 089 1 337	720 663 633 1 245 2 062 3 629 1 400	460 394 303 719 1 131 1 480 613	398 435 341 539 692 885 252	341 193 189 219 386 301	99 108 57 109 81 185 45	17 500 17 300 16 500 16 900 15 700 14 500 11 300
HEATING EQUIPMENT Steam or hot water— Warm-oir furnace— Builf-in electric units— Floor, wall, ar pipeless furnace— Other means— None————————————————————————————————————	3 314 38 948 553 315 1 778	61 684 4 27 449	158 2 486 16 81 572	257 5 097 34 103 313	445 6 070 72 62 168	422 5 887 51 21 91	621 9 426 117 12 91	513 4 508 100 6 54	452 3 014 87 3 20	258 1 289 56	127 487 16	17 400 14 700 19 300 8 700 6 900
AIR CONDITIONING Room unit(s) Central system None	3 477 828 40 705	9 6 1 250	162 15 3 227	322 48 5 449	445 81 6 282	453 50 5 789	875 135 9 342	486 95 4 519	374 119 3 049	231 141 1 372	120 138 426	16 500 24 200 14 300

^{*}Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

	Data based on	sample, see t	ext. For min	imum base t	for derived fi	gures (percen	t, median, et	c.) and mean	ng of symbols	, see text)			
The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	Na cash rent	Median (dollars)
Specified renter occupied ¹	21 871	1 663	1 216	2 100	2 572	5 055	3 474	2 430	1 475	510	72	1 304	90
ROOMS				_		200	17		4			21	50-
room	677 826 3 242 5 523 6 110 3 692 1 153 648 4.6	375 142 388 531 166 28 20 13	89 151 272 332 274 78 20 -	71 198 547 558 464 188 39 35 3.9	68 57 521 800 697 307 113 9 4.3	30 145 732 1 040 1 731 1 022 247 108 4.8	17 59 343 746 1 244 763 217 85 5.0	15 218 680 658 546 231 82 5.0	5 81 482 412 337 88 64 4.9	5 37 129 100 147 67 25 5.3	7 4 5 26 6 5 19	42 99 220 338 270 106 208 5.3	65 77 88 95 102 108
PERSONS					2.0		(00	201	210	93	14	392	74
person	6 289 5 772 3 734 2 896 1 547 1 633 2.3	1 043 235 136 110 77 62 1.3	664 236 107 66 19 124 1.4	932 434 390 171 106 67 1.8	843 681 421 275 165 187 2.2	1 169 1 496 866 740 389 395 2.4	603 956 757 609 269 280 2.7	326 697 533 440 207 227 2.9	210 458 287 245 140 135 2.7	131 76 96 89 25 2.9	37 11 - 6 4 	411 150 144 80 127 2.1	94 97 100 99 96
PLUMBING FACILITIES BY PERSONS PER ROOM												!	
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking same or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	20 784 10 947 8 522 1 092 223 1 087 423 610 28 26	1 161 675 399 81 6 502 148 331 11	1 069 684 260 102 23 147 70 77	1 978 1 142 731 67 38 122 60 57 5	2 489 1 304 1 019 131 35 83 55 21 - 7	4 966 2 551 2 073 273 69 89 32 48 6	3 430 1 650 1 562 192 26 44 11 33	2 413 1 132 1 129 132 20 17 -	1 464 707 703 54 11 11 -	506 270 212 24 4 4	72 44 28 	1 236 788 406 36 6 68 43 21 -	92 89 96 90 81 51 56 50
BEDROOMS None	657 5 057	359 675	462	120 832	62 808	67 1 011	21 634	268	197	- 43 206	- - 45	28 127 454	50 – 76 94
23 or more	9 506 6 647	579 124	457 180	835 355	1 047 707	2 258 1 484	1 601 1 283	1 084 933	940 717	347	-	517	103
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	829 516 1 830 2 308	9 10 11 54 641 938	6 21 - 50 179 960	5 8 11 99 162 1 815	25 20 248 194 2 085	20 33 68 228 294 4 412	5 46 67 284 256 2 816	33 62 138 436 248 1 513	67 399 103 166 198 542	107 122 38 76 10 157	31 5 6 8 22	12 72 55 183 118 864	186 172 132 110 76 88
ELEVATOR IN STRUCTURE 4 floors or more	332	22			34	21	77	21	40	64	25	28	
With elevator Walk-up 1 to 3 floors	179 153	22 1 715	- 1 099	- 2 142	34 2 590	4 799	77 3 462	21 2 264	19 21 1 814	64 - 532	25 20	28 1 098	91
COMPLETE BATHROOMS						. 075	2 204	0 401	1 295	419	37	1 145	92
1 and 1 1/2 2 or more None or also used by another household	439	1 065 7 572	997 21 229	1 886 7 221	2 378 6 140	4 975 27 135	3 306 44 60	2 421 23 21		59	44		165
INCOME IN 1969 Less than \$2,000	1 607 1 667	230 146	374 134 177	509 193 222	499 238 240	369 351	384 183 188	197 98 133	44 52	48 16 26	5	97 117	73 78 80
\$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	1 934 2 014 4 814 2 3 291 812	92 72 145 47 9	91 103 96 177 54 10 - \$3 600	191 205 205 352 196 27 - \$4 700	160 256 265 546 311 39 18 \$5 600	485 515 1 342 705 100	247 359 361 901 698 149 4 \$7 000	140 233 224 714 559 126 6 \$7 800	51 155 335 404 217 23	5 20 45 95 124 93 38 \$10 000	7 10 10 16	183 32	92 92 96 107 133 198
YEAR MOVED INTO UNIT	7 867	453	346	539	731	1 898	1 350	1 200	807	278	38	227	99
1968 1967 1965 and 1966. 1960 to 1964 1950 to 1959 1949 or earlier.	2 035 2 626 2 626 3 205 1 995	165 119 276 370 190	161 144 95 275 136 90	311 209 319 312 246	340 180 413 454 310	697 473 588 813 474	589 340 391 503 186	458 271 251 197 76	245 123 96 62 61	65 70 27 23 15	14	130 91 164 188	94 92 84 82 79
GROSS RENT AS PERCENTAGE OF INCOME													
Less than 10 percent	4 559 3 64 2 43 2 573 4 499	228 7 212 7 156 2 303 9 396	254 220 157 117 115 336	395 521 267 146 206 487 78	721 348 157 276 598	1 374 950 7 626 5 458 5 1 035	708 522 404 641	417 565 397 411 490	209 329 241 295 304	101 69 99 174	10	::	101 97 88
AIR CONDITIONING Room unit(s) Central system None	469) 9	47 8 1 192	135 7 1 972	'	3 4	35	i 22	114 190 1 190	128	3.	5 1	4 184

Excludes one-family homes on 10 acres or more.

65-2 ERIE, PA., SMSA

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

L	Data based or	n sample, see 1	text. For mini	mum base for	derived figure	es (percent, m	lealan, erc.) ar	ia inteaning of	syllibols, see	IOVII		,
The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (doilars)
Owner occupied housing units	56 717	4 654	2 578	2 265	2 138	2 803	3 265	13 718	15 981	7 329	1 986	9 300
ROOMS 1 and 2 rooms	223 858 6 227 14 202 17 980 17 227	104 238 938 1 290 1 162 922	27 100 565 686 677 523	10 106 405 566 761 417	11 46 450 531 537 563	5 89 491 713 764 741	5 55 519 963 989 734	40 114 1 469 3 927 4 675 3 493	21 62 1 099 4 113 5 482 5 204	38 272 1 226 2 529 3 264	10 19 187 404 1 366	2 300 3 900 6 500 8 800 9 600 11 200
PERSONS 1 person	6 572 16 233 19 146 6 868 7 898 1 042	2 997 1 183 293 88 93 250	952 1 320 225 34 47 52	582 1 226 332 58 67	444 1 143 359 104 88	408 1 221 725 231 218	326 1 333 982 357 267	508 3 685 5 513 1 889 2 123 224	261 3 405 6 723 2 577 3 015	55 1 285 3 213 1 258 1 518 73	39 432 781 272 462 22	2 300 7 600 10 900 11 300 11 700 6 400
BEDROOMS Less than 3	16 125 27 427 13 165	2 427 1 228 750	1 262 681 493	1 306 787 375	861 837 347	1 202 1 237 437	1 143 1 890 737	3 649 7 289 2 409	3 322 8 820 4 077	795 3 935 2 575	158 723 965	6 900 9 900 11 300
YEAR STRUCTURE BUILT 1969 to Morch 1970 1960 to 1968 1950 to 1955 1949 or earlier	1 221 8 702 13 290 33 504	55 387 656 3 556	35 197 394 1 952	32 223 288 1 722	49 147 370 1 572	50 315 539 1 899	47 401 694 2 123	321 2 212 3 303 7 882	312 2 894 4 236 8 539	246 1 465 2 213 3 405	74 461 597 854	10 300 10 800 10 500 8 500
YEAR MOVED INTO UNIT 1969 to Morch 1970 1968 1960 to 1967 1959 or eorlier	4 789 3 587 18 337 30 004	193 122 898 3 483	119 49 506 1 966	129 53 445 1 570	187 131 494 1 353	255 210 663 1 695	361 175 905 1 659	1 422 1 073 4 994 6 300	1 391 1 084 5 941 7 535	608 558 2 662 3 484	124 132 829 959	9 400 9 900 10 200 8 600
SELECTED CHARACTERISTICS Automatic cothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With oir conditioning Room unit(s) Centrol system	43 323 36 504 12 034 18 093 3 111 5 363 4 358 1 005	2 222 1 502 266 783 220 299 223	1 365 992 233 571 84 112 105	1 346 950 167 510 104 130 123	1 369 962 139 524 124 139 132 7	1 905 1 245 258 735 77 208 155	2 712 2 043 258 1 005 161 220 189 31	10 735 9 349 2 100 4 196 534 1 039 863 176	13 537 11 778 4 240 6 003 1 068 1 558 1 353 205	6 485 5 996 3 082 2 852 596 1 075 844 231	1 647 1 687 1 291 914 143 583 371 212	10 000 10 500 13 100 10 600 11 200 11 700 11 400 13 500
Automobiles available: 1 2 3 or more	29 706 18 343 3 754	2 087 251 13	1 699 170 17	1 574 183 16	1 464 323 62	1 967 542 42	2 368 498 79	8 857 4 084 441	7 346 7 173 1 279	2 070 3 849 1 337	274 1 270 468	8 300 12 200 14 700
Renter occupied housing units	22 532	4 111	1 642	1 723	1 600	1 977	2 091	4 981	3 421	848	138	6 100
ROOMS 1 room 2 rooms 4 rooms 5 rooms or more	696 831 3 295 5 581 6 211 5 918	326 304 1 008 982 787 704	84 104 387 447 346 274	58 72 258 468 508 359	47 75 259 394 473 352	38 68 325 556 519 471		54 119 433 1 146 1 550 1 679	3 34 282 809 1 070 1 223	5 59 217 243 324	6 17 30 37 48	2 300 3 100 4 000 5 900 6 700 7 600
PERSONS † person 2 persons 3 and 4 persons 5 persons ar more Units with roomers, boorders, or lodgers	6 388 5 893 6 844 1 629 1 778 624	2 768 615 500 144 84 197	728 529 299 52 34 85	637 505 322 125 134 57	490 461 458 91 100 33	452 528 695 116 186	610 763 156 168	604 1 217 2 070 501 589 80	208 1 092 1 435 318 368 54	61 301 273 103 110	46 35 29 23 5	2 600 6 500 7 600 7 800 7 900 3 500
BEDROOMS None	685 5 163 9 619 7 065	390 1 559 1 567 615	82 538 757 360	28 451 748 451	28 346 778 539	33 515 846 539	491 1 086	55 729 2 121 2 115	473 1 269 1 349	61 398 449	- 49 42	2000 – 4 100 6 100 7 600
YEAR STRUCTURE BUILT 1989 to March 1970 1940 to 1948 1950 to 1959 1949 or earlier	264 1 355 1 898 19 015	233	13 80 125 1 424	5 68 121 1 529	33 126 1 441	18 126 157 1 676	143 174	60 265 468 4 188	67 299 404 2 651	31 135 75 607	6 53 15 64	8 600 7 800 7 100 5 900
YEAR MOVED INTO UNIT 1969 to March 1970 1968 8 1960 to 1967 1959 or earlier	3 250 8 107	474	522 209 665 263	590 220 584 301	615 189 608 189	837 265 589 282	298 692	1 672 869 1 872 525	1 281 533 1 289 436	271 187 283 109	67 6 61 16	6 100 6 900 6 200 5 200
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied*	6 911 3 647 2 437 2 572 4 499	314 2 793	81 151	430	432 421 175	357 463 540 376	599 649 358 260 72	31	3 291 2 440 481 149 33 5	812 668 106 6 - - 32	128 104 6 - - 18	6 100 9 700 7 200 5 600 4 100 2000 – 2 700
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air conditioning Room unit(s)	11 030 6 996 1 223 1 879 684 1 773	552 86 178 87 197	86 33 42 68 41	428 90 157 27 88 63	497 51 98 47 47	149 40 144 117	796 109 148 23 153 7 94	225 536 210 434 356	1 845 1 361 283 398 109 437 328	598 530 277 151 120 187 91	42 42 69 22 45 12 33	7 300 7 700 10 300 7 900 8 400 8 500 8 100 10 400
Central system Autamobiles available: 1	. 12 661	1 192 1 163	607 93	25 891 98	987	216	7 1 482 5 245	3 504 933	2 189 1 052 139	364 338	68 65 10	6 900 9 400 11 300

Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

			With al	l plumbing facil	ities		Lacking some or all plumbing facilities							
The SMSA	, F		0.50	0.51	1.01	1.51		0.50	0.51	1,01	1.51			
	Total	Total	or less	1.00	1.50	or more	Total	or less	to 1.00	to 1.50	or more			
Owner occupied housing units	56 717	55 935	29 554	23 258	2 765	358	782	473	220	54	35			
PERSONS) person	6 572	6 268	6 253	15		_	304	290	14					
2 persons3 persons	16 233 9 675	16 045 9 592	15 744	275	-	26	188	142	46	-	-			
4 persons	9 471	9 404	5 904 1 249	3 673 8 105	4 44	11	83 67	27 4	56 63	_	_			
5 persons or more	6 868 7 898	6 815 7 811	404	6 186 5 0 04	198 2 519	27 288	53 87	10	20	14	9 26			
Median	3.1	3.1	2.0	4.4	6.9	7.5+	2.0	1.3	21 3.4	40 	26			
Units with roomers, boarders, or lodgers	1 042	1 017	517	394	73	33	25	5	20	-	_			
YEAR STRUCTURE BUILT	, ,,,,	• • • • •				ľ								
1969 to March 1970	1 165 4 109	1 146 4 054	458 1 582	667 2 229	13 215	8 28	19 55	5 11	14 32	-	12			
1960 to 1964	4 486 13 435	4 459 13 346	1 733 6 012	2 247 6 407	434 820	45 107	27 89	10	12 17	_	5			
1940 to 1949	5 784	5 679	3 132	2 300	221 1 049	26	105	59 60	38	7	13			
1939 or earlier	27 738	27 214	16 548	9 485	1 049	132	524	363	115	38	8			
Less than \$2,000	4 654	4 402	3 999	334	59	10	252	217	35					
\$2,000 to \$2,999 \$3,000 to \$3,999	2 578	2 520	2 273	219	22	6	58	44	14	-	-			
\$4,000 to \$4,999	2 265 2 138	2 198 2 102	1 878 1 681	271 363	44 38	5 20	67 36	42 27	20 3	6	5			
\$5,000 to \$5,999 \$6,000 to \$6,999	2 803 3 265	2 705 3 216	1 835 1 952	770 1 098	84 149	16	98	59	26	13 5	-			
\$7,000 to \$9,999	13 718	13 614	5 753	6 935	822	17 104	49 104	31 24	13 58	13	9			
\$10,000 to \$14,999 \$15,000 to \$24,999	15 981 7 329	15 912 7 280	6 166 2 997	8 580 3 792	1 051 438	115 53	69 49	15 14	28 23	11	15			
\$25,000 or more	1 986 \$9 300	1 986 \$9 400	1 020 \$7 600	896 \$11 000	58 \$10 800	\$10 000	_	-	~		_			
VALUE-INCOME RATIO	47 000	φr 400	\$7,000	ф11 000	\$10 800	\$10 000	\$4 400	\$2 400	\$6 900	• • • •				
Specified owner occupied	44 908	44 503	22 528	19 334	2 355	286	405	223	130	33	19			
Less than 1.5	19 484 8 983	19 284 8 922	7 783	9 850	1 476	175	200	73	89	33	5 9			
2.0 to 2.4	5 352	5 322	3 856 2 669	4 556 2 436	434 203	76 14	61 30	32 9	20 21	-	9			
2.5 to 2.9	2 906 2 750	2 886 2 717	1 637 1 904	1 122 775	116 28	11	20 33	1 <i>5</i> 33	-	_	5			
4.0 or moreNot computed	5 091 342	5 039 333	4 389 290	564	86	-1	52	52	~	_	-			
HEATING EQUIPMENT	342	333	270	31	12	-1	9	9	~	_	-			
Steam or hot water	4 293	4 266	2 405	1 655	178	28	27	17	10	_	_			
Warm-air furnace Buill-in electric units		47 585 803	24 770 366	20 200	2 340	275	306	187	76	33	10			
Floor, wall, or pipeless furnace	526	492	291	381 169	56 26	6	19 34	29	5 5	_	14			
Other means	3 179	2 789	1 722	853	165	49	390 6	240	118 6	21 -	11			
Renter occupied housing units	22 532	21 342	11 174	8 798	1 143	227	1 190	473	650	41	26			
PERSONS						ľ								
1 person 2 persons 2	6 388 5 893	5 574 5 697	5 338 4 675	236 1 017	-	-	814	383	431		,;			
3 persons	3 827	3 736	983	2 739	11	3	196 91	78 12	107 63		11			
5 persons						191	26			16	_			
6 persons or more Median	1 1 470	2 991 1 595	138 40	2 765 1 287	69 237			_	26 23	_	-			
	1 629	1 595 1 749	40	1 287 754	237 826	31 169	34 29	- . .	23	11 14	15			
Units with roomers, boarders, or lodgers	1 629	1 595	40 - 1.6	1 287 754 3.6	237	31 169 7.5+	34	1.1	1.3	11	15			
Units with roomers, boarders, or lodgers YEAR STRUCTURE BUILT	1 629 1 778 2.3 624	1 595 1 749 2.4	40	1 287 754	237 826	31 169	34 29	1.1	23	11 14				
Units with raomers, boarders, or lodgers YEAR STRUCTURE BUILT 1969 to March 1970	1 629 1 778 2.3 624	1 595 1 749 2.4 595	40 1.6 302	1 287 754 3.6 235	237 826 6.2 44	31 169 7.5 + 14	34 29 1.2 29		1.3	11 14				
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824	1 595 1 749 2.4 595	40 - 1.6 302 114 444	1 287 754 3.6 235	237 826 6.2 44 23 13	31 169 7.5+ 14	34 29 1.2 29	12 - -	23 1.3 11	11 14 6				
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308	1 595 1 749 2.4 595 257 818 476 1 922	40 1.6 302 114 444 258 960	1 287 754 3.6 235 120 354 182 784	237 826 6.2 44 23 13 26 126	31 169 7.5+ 14	34 29 1.2 29 - 6 21 75	12 - - 6 26	23 1.3 11 6 9 49	11 14				
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308	1 595 1 749 2.4 595 257 818 476	40 - 1.6 302 114 444 258	1 287 754 3.6 235	237 826 6.2 44 23 13 26	31 169 7.5+ 14	34 29 1.2 29 6 21	12 - - 6	23 1.3 11 -6 9	11 14 6				
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528	40 - 1.6 302 114 444 258 960 971	1 287 754 3.6 235 120 354 182 784 995	237 826 6.2 44 23 13 26 126 286	31 169 7.5 + 14 - 7 10 52	34 29 1.2 29 -6 21 75 37	12 - - 6 26 25	23 1.3 11 6 9 49 12	11 14 6	-			
Units with roomers, boarders, or lodgers	257 824 257 824 497 1 997 2 308 16 649	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557	40 -1.6 302 114 444 258 960 971 8 321	1 287 754 3.6 235 120 354 182 784 995 6 440	237 826 6.2 44 23 13 26 126 286 639	31 169 7.5+ 14 - 7 10 52 19 128	34 29 1.2 29 - 6 21 75 37 1 121	12 	23 1.3 11 6 6 9 49 12 634	- 11 14 6				
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633	40 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027	1 287 754 3.6 235 120 354 182 784 995 6 440 708 440 466	237 826 6.2 44 23 13 26 126 286 639	31 169 7.5+ 14 10 52 19 128 22 4 17	34 29 1.2 29 - 6 21 75 37 1 121	12 - 6 26 25 436 268 71 36	23 1.3 11 6 9 49 12 634	- 11 14 6				
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476	40 - 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 912	1 287 754 3.6 235 120 354 182 784 995 6 440	237 826 6.2 44 23 13 26 126 286 639	31 169 7.5+ 14 14 - 7 10 52 19 128 22 4 17 20	34 29 1.2 29 6 21 75 37 1 121	12 - 6 26 25 436 268 71 36 30	23 1.3 11 6 9 12 634 286 86 42 62	- 11 14 6 - - 6 - - 26				
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982	40 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 912 897 839	1 287 754 3.6 235 120 354 182 784 995 6 440 708 440 4501 865 1 028	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96	31 169 7.5+ 14 14 - 7 10 52 19 128 22 4 17 20 25	34 29 1.2 29 - 6 21 75 37 1 121 554 166 90 110 58	12 	23 1.3 11 6 9 49 12 634 286 86 42 62 43 78					
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 991 4 981	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 404	40	1 287 754 3.6 235 120 354 182 784 995 6 440 708 440 440 466 501 865 1 028 2 586 1 759	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57	31 169 7.5+ 14 10 52 19 128 22 4 17 20 25	34 29 1.2 29 - 6 21 75 37 1 121 554 166 90 110 58	12 	23 1.3 11 6 9 49 12 634 286 84 42 62 43					
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 404 843 138	40 1.6	1 287 754 3.6 235 120 354 182 784 995 6 440 466 501 865 1 028 2 586	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96 340	31 169 7.5+ 14 10 52 19 128 22 4 17 20 25 19 89	34 29 1.2 29 - 6 21 75 37 1 121 554 166 90 110 58 109 81	12 	23 1.3 11 6 9 12 634 286 886 42 42 43 78 48	- 11 14 6				
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138 856 100	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 919 1 982 4 900 3 404 843	40 - 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 997 1912 997 1885 1 420 385	1 287 754 3.6 235 120 354 182 784 795 6 440 466 501 865 501 865 1 728 2 586 1 759 391	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96 340 202 59	31 169 7.5+ 14 10 52 19 128 22 4 17 20 25 19 89 89	34 29 1.2 29 -6 21 75 37 1 121 -554 166 90 110 81 109 81	12 	23 1.3 11 6 9 49 12 634 286 86 42 62 43 78 48	- 11 114 6				
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138 \$6 100	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 404 843 138 \$6 300	40 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 912 897 897 839 1 885 1 420 385 79 \$4 900	1 287 754 3.6 235 120 354 182 784 995 6 440 708 440 466 501 865 1 028 2 586 1 759 391 54 \$7 500	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96 340 202 59 55 \$7	31 169 7.5+ 14 10 52 19 128 22 4 17 20 25 19 89 23 8 87 200	34 29 1.2 29 - 6 21 75 37 1 121 554 166 90 110 58 109 81 17 5	12 	23 1.3 11 6 9 49 12 634 286 84 42 62 43 78 48 - 5 5	- 11 14 6	25 25			
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138 56 100	3 557 1 476 2 2 4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 404 843 138 \$6 300	40	1 287 754 3.6 235 120 354 182 784 995 6 440 406 501 865 1 028 2 586 1 759 391 54	237 826 6.2 44 23 13 26 126 286 639 96 33 123 123 123 124 202 205 57 340 202 205 59 5 57 300	31 169 7.5+ 14 10 52 19 128 22 4 17 20 25 19 23 8 8 57 200	34 29 1.2 29 1.2 29 6 21 75 37 1 121 554 166 90 110 58 109 81 17 5 5 \$2 200	12	23 1.3 11 6 9 49 12 634 286 86 42 43 78 48 - 5 - \$2 \$5 5 - \$5 - \$6 \$7 \$7 \$8 \$6 \$7 \$8 \$6 \$7 \$8 \$8 \$6 \$7 \$8 \$8 \$8 \$8 \$8 \$8 \$8 \$8 \$8 \$8	- 11 14 6	25			
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 1 38 1 56 1 00 1 2 77 2 2 97 1 4 981 3 421 8 48 1 3 421 8 42 1 42 1 54 1 54 1 54 1 54 1 54 1 54 1 54 1 54	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 404 843 138 \$6 300	40 - 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 912 997 1 839 1 885 1 420 385 79 \$4 900 10 947 847 1 938	1 287 754 3.6 235 120 354 182 784 995 6 440 466 501 865 501 865 1 028 2 586 1 759 391 54 \$7 500	237 826 6.2 44 23 13 26 126 286 639 96 33 123 123 123 123 96 340 202 59 5 5 7 300	31 169 7.5+ 14 14 17 10 52 19 128 22 4 17, 20 25 19 89 23 8 8 5,7 200	34 29 1.2 29 1.2 29 6 21 75 37 1 121 554 166 90 110 58 109 81 17 5 5 22 200	12	23 1.3 11 6 9 49 12 634 284 86 42 42 42 42 42 43 78 48 -5 -5 -5 -5 -5 -5 -5 -5 -5 -5	- 11 14 6	25			
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138 56 100	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 490 3 843 138 \$6 300	40 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 912 897 897 1 885 1 420 385 79 \$4 900 10 947 847 1 738 1 626 1 117	1 287 754 3.6 235 120 354 182 784 995 6 440 406 501 865 1 028 2 586 1 759 391 54 \$7 500 8 522 1 134 2 216 1 695 1 047	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96 340 202 59 \$7 300	31 169 7.5+ 14 14 - 7 10 52 19 128 22 24 4 17, 20 25 19 89 23 8 8 57 20 23 42 42 52 49 19	34 29 1.2 29 1.2 29 6 21 75 37 1 121 554 166 90 110 58 109 81 17 5 2 200	12 	23 1.3 11 11 6 9 49 12 634 286 84 42 62 43 78 48 5 5 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 11 14 6 26 26 26 26 26 26 26 26	25			
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138 56 100	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 633 1 633 1 633 1 690 1 919 1 982 4 900 3 404 843 138 \$6 300	40 - 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 912 897 839 1 420 385 79 \$4 900 10 947 847 847 8 938 1 626	1 287 754 3.6 235 120 354 182 784 795 6 440 466 501 865 1 028 2 586 1 759 391 54 \$7 500 8 522 1 134 2 216 1 695 1 047 851	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96 340 202 59 5 57 300	31 169 7.5+ 14 14 17 10 52 19 128 22 4 17 20 25 19 23 8 8 - \$7 200 25 19 23 42 24 20 25 19 23 42 44 17 20 20 25 19 23 44 24 25 26 27 27 28 29 29 29 29 29 29 29 29 29 29 29 29 29	34 29 1.2 29 1.2 29 6 21 75 37 1 121 554 166 90 110 58 109 81 17 5 5 \$2 200	12	23 1.3 11 6 9 12 634 286 886 42 43 78 48 - 5 - \$2 500 610 109 50 40 70 93	- 11 14 6	25 			
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138 56 100	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 404 4 900 3 404 4 900 3 404 2 207 4 477 3 548 2 331 2 418	40 - 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 997 1 027 997 1 420 385 79 \$4 900 10 947 847 1 938 1 626 1 117 1 388	1 287 754 3.6 235 120 354 182 784 995 6 440 406 501 865 1 028 2 586 1 759 391 54 \$7 500 8 522 1 134 2 216 1 695 1 047	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96 340 202 59 \$7 300	31 169 7.5+ 14 14 - 7 10 52 19 128 22 24 4 17, 20 25 19 89 23 8 8 57 20 23 42 42 52 49 19	34 29 1.2 29 1.2 29 6 21 75 37 1 121 554 166 90 110 58 109 81 107 5 3 2 200	12	23 1.3 11 6 9 49 12 634 286 84 42 62 43 78 48 5 5 \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	- 11 14 6 6 26 - 5 5 5 11 8 12 	25 			
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138 56 100 21 871 2 352 4 559 3 647 2 437 2 47 2 47 2 47 2 47 1 805	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 404 843 138 \$6 300 20 784 2 207 4 477 3 548 2 231 2 418 4 093 1 710	40 - 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 912 897 839 1 885 1 420 385 79 \$4 900 10 947 847 1 7 938 1 626 1 117 1 388 2 956 1 117 1 388 2 956 1 117 1 388 2 956 1 075	1 287 754 3.6 235 120 354 182 784 995 6 440 406 501 865 1 028 2 586 1 759 391 54 \$7 500 8 522 1 134 2 216 1 695 1 047 851 1 047 851 1 047 851 1 047 851 1 047 851 1 047 851 1 047 851 1 047 851	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96 340 202 59 \$7 300 1 092 184 271 178 184 271 178 184 271 178 186 166 166 178 186 186 186 186 186 186 186 186 186 18	31 169 7.5+ 14 14 -7 10 52 19 128 22 4 17 20 25 19 89 23 89 23 89 23 42 52 49 19 19	34 29 1.2 29 1.2 29 6 21 75 37 1 121 554 166 90 110 58 109 81 107 145 82 99 106 154 406 95	12	23 1.3 11 6 9 49 12 634 286 84 42 62 43 78 48 - 5 - \$2 500 610 109 500 400 70 93 217	- 11 114 6 26 26 - 5 5 5 11 8 12 	25 			
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 1 38 1 38 1 6 59 2 1 871 2 352 4 559 3 647 2 47 2 47 2 47 2 47 2 47 2 47 2 906 1 4 362	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 449 4 900 3 449 4 900 3 138 8 5 300 20 784 2 277 4 477 3 548 2 331 2 418 4 493 1 710	40 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 912 897 897 897 1 885 1 420 385 1 420 385 1 626 1 117 1 388 2 956 1 075	1 287 754 3.6 235 120 354 182 784 995 6 440 440 440 446 501 865 1 028 2 586 1 759 391 54 \$7 500 8 522 1 134 2 216 1 695 1 047 851 1 024	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96 340 202 59 5 57 300	31 169 7.5+ 14 -7 10 52 19 128 22 4 17 20 25 19 23 8 8 -3 22 23 42 25 29 23 31 31 31 31 31	34 29 1.2 29 1.2 29 6 21 75 37 1 121 554 166 90 110 58 109 81 17 5 5 \$2 200 1 145 82 99 106 154 406 95	12	23 1.3 11 6 9 49 12 634 286 886 42 43 78 48 - 5 5 5 \$2 500 610 109 50 40 70 93 217 31	- 11 14 6 26 26 26 11 8 12 28 11 6 - 6 - 5 - 5	25			
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 1 388 1 3 421 848 1 3 421 2 352 4 559 3 647 2 572 4 499 1 805	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 982 4 900 3 404 4 900 3 404 2 207 4 477 3 548 2 331 2 418 4 093 1 710	40 1.6	1 287 754 3.6 235 120 354 182 784 995 6 440 466 501 865 1 028 2 586 1 759 391 54 \$7 500 8 522 1 134 2 216 1 695 1 024 555 8 1 024 555	237 826 6.2 44 23 13 26 286 639 96 33 123 123 123 123 124 202 259 57 340 202 259 57 300 1 100 65	31 169 7.5+ 14 14 17 10 52 19 128 22 4 17 20 25 19 8 8 5 7 20 25 19 19 23 33 13 15 15 15 15 15 15 15 15 15 15 15 15 15	34 29 1.2 29 1.2 29 6 21 75 37 1 121 554 166 90 110 58 109 81 17 5 5 \$2 200 140 95 145 406 95	12	23 1.3 11 6 9 49 12 634 284 86 42 43 78 48 - 5 5 5 50 40 70 93 217 31	- 11 14 6 6 26 - 5 5 5 11 - 8 8 12 28 11 6 6 - 6 - 6	25 4 77 77 77 33 5			
Units with roomers, boarders, or lodgers	1 629 1 778 2.3 624 257 824 497 1 997 2 308 16 649 4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138 56 100 21 871 2 352 4 559 3 647 2 437 2 47 2 47 2 47 2 47 2 47 2 47 2 572 4 499 1 805	1 595 1 749 2.4 595 257 818 476 1 922 2 271 15 528 3 557 1 476 1 633 1 490 1 919 1 919 1 982 4 900 3 404 843 138 \$6 300 20 784 2 207 4 477 3 548 2 331 2 418 4 093 1 710	40 1.6 302 114 444 258 960 971 8 321 2 731 999 1 027 912 897 897 897 1 885 1 420 385 1 420 385 1 626 1 117 1 388 2 956 1 075	1 287 754 3.6 235 120 354 182 784 995 6 440 440 446 501 865 1 028 2 586 1 759 391 54 \$7 500 8 522 1 134 2 216 1 695 1 047 851 1 047 851 1 024 555 8 32 6 102	237 826 6.2 44 23 13 26 126 286 639 96 33 123 57 132 96 340 202 59 \$7 300 1 092 184 271 178 148 146 100 65	31 169 7.5+ 14 14 -7 10 52 19 128 22 4 17 20 25 19 23 8 89 23 89 23 89 23 42 52 49 19 13 15	34 29 1.2 29 1.2 29 6 21 75 37 1 121 554 166 90 110 58 109 81 17 5 5 \$2 200 1 145 82 99 106 154 406 95	12	23 1.3 11 6 9 49 12 634 286 84 42 62 43 78 48 - 5 5 5 \$2 50 6 109 50 40 70 9 9 9 109 109 109 109 109 109	- 11 114 6 26 26 - 5 5 5 11 8 12 28 11 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	25			

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	[Data based on :	sample, see rext.	FOR MINIMUM DO	ise for derived f	igores (percent, i	nedian, etc., and	medining or sym	Dois, see (exi)		
The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	56 717	82	141	858	6 227	14 202	17 980	9 432	7 795	5.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	55 387	51	76	723	5 925	13 960	17 578	9 366	7 708	5.9
PERSONS	/ 570	29	112	423	1 443	1 894	1 521	681	469	5.2
1 person2 persons	6 572 16 233	26	21	300	2 917	4 586	4 859	2 007	1 517	5.6
3 persons 4 persons	9 675 9 471	11 6	4	38 44 31	995 521	2 696 2 532	3 262 3 365	1 566 1 750	1 103 1 253	5.8 6.0
5 persons	6 868 7 898	5 5	-	31 22	212 139	1 400	2 563 2 410	1 469 1 959	1 188 2 265	6.2
6 persons or more	3.1		1.1	1.5		2.7	3.3	3.8	4.1	
PLUMBING FACILITIES BY PERSONS PER ROOM										[
With all plumbing facilities	55 935 29 554	68	66 52	736 357	6 054 4 274	14 066 6 385	17 859 9 579	9 357 4 207	7 729 4 700	5.9
0.50 or less 0.51 to 1.00	23 258	15	6	307	1 452	6 604	7 371	4 755	2 748	5.9
1.01 to 1.50 1.51 or more	2 765 358	53	4	44 28	267 61	970 107	867 42	364 31	249 32	5.6 J 4.8 J
Lacking some or all plumbing facilities	782	14	75	122	173	136	121	75	66	5.9 5.9 5.6 4.8 4.6 4.8
0.50 or less 0.51 to 1.00	473 220	14	60 15	66 31	86	95 24	63 44	47 18	56 10	4.8
1.01 to 1.50	54 35	-	_	25	19	17	8	10	_	:::
1.51 or more	35	_	_		1		Ĭ	_	-	
BEDROOMS		,,,,	,,,	656	652	224	61	22		3.6
None and 1	1 833 14 292	107	111	164	5 481	6 007	2 088	384	168	4.7
3	27 427 13 165	-	-	 	250	7 515 294	13 916 2 382	4 293 4 508	1 453 5 981	5.9 7.4
4 or more	13 103		_	_	_	• • • • • • • • • • • • • • • • • • •	- 402	. 555		
YEAR STRUCTURE BUILT					242	329	254	126	225	5.5
1969 to March 1970	1 221 8 702	23	19	39 172	1 217	2 872	2 272	1 129	998	5.5
1950 to 1959	13 290	6	50 72	185 462	1 986 2 782	4 277 6 724	4 385 11 069	1 535 6 642	866 5 706	5.5 6.1
1949 or earlier	33 504	4/	/2	402	2 /02	0 /24	11 007	0 042	2 ,00	5.1
COMPLETE BATHROOMS				700	5 770	12 472	14 240	7 847	5 148	5.8
1 and 1 1/2	49 456 6 027	65	88 8	709 20	5 778 152	13 473 512	16 368 1 243	1 526	2 566	7.2
None or also used by another household	1 234	12	83	164	249	268	206	117	135	4.9
VALUE-INCOME RATIO							1			
Specified owner occupied	44 908	36	48	351	3 958	10 948	15 222 6 852	7 998 3 819	6 347 2 927	6.0 6.1
Less than 1.5	19 484 8 983	11	19 6	95 59	1 536 695	4 225 2 493	2 988	1 595	1 137	5.9
2.0 to 2.9	8 258	5	19	62 123	591 1 087	2 138 2 026	2 939 2 328	1 387 1 146	1 117 1 117	5.9 5.8
3.0 or more Not computed	7 841 342	10	4	123	49	2 020	115	51	49	5.9
•					1	{	ĺ			j
Renter occupied housing units	22 532	696	831	3 295	5 581	6 211	3 854	1 264	800	4.6
Units with 1 or more bathrooms and		1			[j	[[[
complete kitchen facilities for exclusive use, and direct access	20 781	135	549	2 983	5 305	6 190	3 659	1 151	809	4.7
PERSONS										
1 person	6 388	667	629	1 918	1 475	1 134	408 930	78 181	79 116	3.5 4.5
2 persons3 persons	5 893 3 827	16	150 27	974 273	1 754	1 772 1 334	661	237	97	4.8
4 persons	3 017] -	19	69	743 248	1 022 520	783 480	243 252	138 98	5.2 5.5
5 persons 6 persons or more	1 629 1 778	10	6	31 30	166	429	592	273	272	5.9
Median	2.3	1.0	1.2	1.4	2.3	2.6	3.4	4.1	4.3	***
PLUMBING FACILITIES BY PERSONS PER ROOM)])			701	
With all plumbing facilities	21 342	254	603 450	3 089 1 816	5 422 3 132	6 135 2 864	3 809 1 969	1 239 482	791 461	4.7
0.50 or less 0.51 to 1.00	11 174 8 798	236	117	1 153	1 898	2 842	1 567 258	700 55	285 41	4.9 4.9
1.01 to 1.50 1.51 or more	1 143 227	18	11 25	69 51	343 49	366 63	15	2	4	3.9
Lacking some or all plumbing facilities	1 190		228	206	159	76 42	45 30	25 14	9	2.2 3.1
0.50 or less 0.51 to 1.00	473 650	431	179 33	102 94	40	34	15	3	-	1.3
1.01 to 1.50	41	-	16	10	17		-1	8	-	
1.51 or more	26	'''	_		1		- 1		Í	ľ
BEDROOMS			67	22	_	_	_[-1	-	1.1
Hone	685 5 163		97 675	33 3 222	859	326	81	137	20	3.1 4.5
3 or more	9 619	-	_	135	4 647 144	3 986 1 675	694 3 107	1 366	773	6.1
	7 065	[-	_		1	(1	1	[ĺ
YEAR STRUCTURE BUILT			_	22	107	81	33	7	5	4.4
1969 to March 1970 1960 to 1968	264 1 355	12	5 50	166	696	236	111	49 59	35	4.1 4.3
1950 to 1959	1 898	59	50 726	271 2 836	750 4 028	401 5 493	298 3 412	1 149	750	4.7
1949 or earlier	19 015	021	/ 20	2 030						
COMPLETE BATHROOMS			5 **	3 002	5 284	6 070	3 575	1 048	697	4.7
1 and 1 1/2 2 or more	20 424 493	14	548 7	_	34	120	84 119	110	124	6.4 2.5
None or also used by another household	1 615		283	265	225	148	114	7'		
GROSS RENT AS PERCENTAGE OF INCOME					1				648	4.6
Specified renter occupied?	21 871	677	826	3 242 317	5 523 575	6 110 688	3 692 391	1 153 145	39	4.6
Less than 10 percent	2 352 4 559	79	61 151	518	1 272	1 450	776 749	228 269	102	4.7 4.9
15 to 19 percent	3 647	39	105 58	440 296	839 706	1 104 781	403	98	38	4.6
20 to 24 percent 25 to 34 percent	2 437 2 572	83	97	548	647	561 1 074	451 581	118 159	67 90	4.4 4.2
35 percent or more	4 499 1 805	248	290 64	932 191	1 125 359	452	341	136	227	5.1
compored	1 805		84	.,,						

*Limited to one-family homes on less than 10 acres and no business on property.
*Excludes one-family homes on 10 acres or mare.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

	7410 54050 711 7	Owner occ		Sill dase for s	lerived figures			Renter occ				
he SMSA	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or troiler
All occupied housing units	56 717	49 418	5 084	2 215	22 532	6 828	7 649	3 905	2 557	789	395	409
DOMS												1
roomroomsroomsroomsroomsroomsroomsroomsroomsroomsroomsrooms or morerooms or more	82 141 858 6 227 14 202 17 980 9 432 7 795 5.9	50 67 434 4 263 11 655 16 407 8 983 7 559 6.0	15 27 187 789 2 020 1 373 441 232 5.3	17 47 237 1 175 527 200 8 4	696 831 3 295 5 581 6 211 3 854 1 264 800 4.6	102 104 338 1 402 1 583 1 730 879 690 5.4	20 45 632 1 636 3 301 1 653 294 68 5.0	69 238 1 247 1 224 714 308 67 38 3.8	217 260 621 896 431 108 24 - 3.7	239 91 196 150 96 13 - 4 2.8	45 63 148 81 53 5 -	30 113 192 33 37 - 3.8
LUMBING FACILITIES BY PERSONS PER ROOM								4 /70	0.010	575	356	394
	55 935 29 554 23 258 2 765 358 782 473 220 54 35	48 805 24 941 21 025 2 526 313 613 364 176 54	5 010 3 431 1 426 124 29 74 65 5	2 120 1 182 807 115 16 95 44 39	21 342 11 174 8 798 1 143 227 1 190 473 650 41 26	6 608 3 055 3 010 466 77 220 119 73 24 4	7 512 3 981 3 198 290 43 137 63 59 —	3 679 2 090 1 374 155 60 226 129 86 11	2 218 1 206 780 196 36 339 113 220 6	384 181 4 6 214 30 177	263 89 4 - 39 9 30 -	195 166 28 5 15 10 5
IONE	107 1 726 14 292 27 427 13 165	63 881 9 888 25 344 12 679	44 574 2 622 1 804 385	271 1 782 279 101	685 5 163 9 619 5 306 1 759	130 710 2 316 2 420 1 342	1 014 4 307 1 975 242	21 1 734 1 387 598 55	187 1 049 965 204 100	236 387 176 66 20	111 221 214 - -	48 254 43
YEAR STRUCTURE BUILT						_						27
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	1 221 4 169 4 533 13 290 5 811 27 693	778 3 288 4 049 12 833 5 615 22 855	7 51 43 159 155 4 669	436 830 441 298 41 169	264 832 523 1 898 2 371 16 644	71 153 266 1 059 1 047 4 232	37 58 102 197 254 7 001	30 146 41 88 349 3 251	46 190 11 326 610 1 374	37 18 34 136 47 517	132 4 - 39 220	43 135 65 92 25 49
INCOME IN 1969												
Less than \$2,000	2 578 2 265 2 138 2 803 3 265 13 718 15 981 7 329 1 986	3 584 1 917 1 730 1 715 2 343 2 705 11 990 14 644 6 893 1 897 \$9 700	779 522 376 308 228 373 1 137 956 339 66 \$6 900	291 139 159 115 232 187 591 381 97 23 \$6 900	4 111 1 642 1 723 1 600 1 977 2 091 4 981 3 421 848 138 \$6 100	835 387 468 411 560 626 1 741 1 361 382 57 \$7 200	1 243 461 565 593 699 750 1 882 1 253 191 12 \$6 400	919 347 353 323 399 335 687 409 110 23 \$5 000	644 290 231 194 170 237 437 229 112 13 \$4 600	335 106 44 22 48 68 106 33 22 5 \$2 600	58 23 39 29 41 27 54 69 27 28 \$6 300	777 28 23 28 60 48 74 67 4 55
YEAR MOVED INTO UNIT										342	113	284
1969 to Morch 1970	3 587 3 392 5 450 9 495 15 473	3 695 3 111 2 846 4 806 8 569 14 458 12 092	376 136 237 361 650 880 2 381	718 340 309 283 276 135 58	8 054 3 250 2 131 2 706 3 270 1 969 1 152	2 183 998 658 876 1 010 667 444	2 619 1 152 779 834 1 087 681 477	1 456 570 268 469 660 338 138	1 057 338 248 314 356 207 61	131 37 100 112 54	47 100 60 31 -	14 41 53 14 22 8
GROSS RENT Specified renter occupied'					21 871	6 167	7 649	3 905	2 557	789	395	409
Less than \$50 \$50 to \$59 \$50 to \$59 \$70 to \$79 \$80 to \$79 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more No cash rent					1 663 1 216 2 100 2 572 5 055 3 474 2 430 1 475 510 72 1 304 \$90	372 159 341 526 1 167 1 011 913 644 233 37 764 \$103	186 402 770 984 2 373 1 463 743 320 80 	380 352 642 590 869 484 268 185 53 82	511 204 250 331 385 311 256 238 44 	165 68 48 86 118 97 117 52 22 — 16 \$83	20 15 49 24 47 34 52 31 78 35 10	29 18 31 98 74 81 5
HEATING EQUIPMENT					•							
Steam or hot water	47 891 822 526 3 179	3 805 42 196 757 418 2 242	3 988 23 52 552	19 1 707 42 56 385 6	2 906 14 362 342 243 4 667 12	450 4 842 92 86 1 358	360 5 285 46 92 1 854 12	636 2 236 61 42 930	916 1 250 65 23 303	376 313 32 - 68 -	168 150 42 35	286
AIR CONDITIONING												
Room unit(s) Central system None	1 005	3 707 899 44 971	495 54 4 472	156 52 1 911	1 313 460 20 759	402 90 6 344	602 17 7 010	160 55 3 684	49 161 2 371	71 9 704	1 <i>4</i> 119 234	1; 43;
1	- 18 343 - 3 754	25 431 16 924 3 553 3 669	2 818 978 171 1 054	1 457 441 30 191	12 661 3 304 465 6 102	4 028 1 408 280 1 120	4 533 1 062 113 1 921	2 036 447 19 1 397	1 263 231 31 1 056	322 44 14 404	188 63 	29 4 8

¹Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

						ore-person ho			symbols, see		One-person	households
Th. CASCA			Male head, wit	fe present, no			Other mo	ile head	Female	head	One-person	110034110102
The SMSA	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	56 717	1 151	7 129	9 913	20 122	5 723	1 727	521	2 621	1 238	2 802	3 770
PLUMBING FACILITIES BY PERSONS PER ROOM		1 107	7 086	9 854	19 981	5 450						j
With all plumbing facilities	55 935 29 554	1 137 545	1 440	1 490	11 001	5 622 4 894	1 700 966	499 412	2 569 1 513	1 219	2 654 2 644	3 614 3 609
0.51 to 1.00	2 765	565 23	5 014 584	7 017 1 200	8 136 742	704 19	625 82	78 9	939 92	165 14	10	5
1.51 or moreLacking some or all plumbing facilities		4 14	48 43	147 59	102 141	5 101	27 27	22	25 52	19	148	156
0.50 or less 0.51 to 1.00	473	8	5 14	9 29	60 59	50 41	19 8	11	15 31	14	134	156
1.01 to 1.50	54 35	ě	15	16 5	11 11	6	-	-1	31	5	14	-1
UNITS IN STRUCTURE	, ,,	_	,	3		7	-		•	-	_	-
12 or mare	49 418 5 084 2 215	744 97 310	6 195 413 521	9 427 313 173	18 425 1 399 298	4 803 727 193	1 446 215 66	467 49	2 114 355 152	973 241	2 060 423 319	2 764 852
INCOME IN 1969	213	310	32,	170	170	170	00	3	132	24	314	154
Less than \$2,000\$2,000 to \$2,999	4 654 2 578	24 36	59 29	62 34	227 249	556 919	55 20	111 49	314	249 139	614	2 383
\$3,000 to \$3,999	2 265	28	37	36	278	891 (24	51	151 217	121	251 320	701 262
\$4,000 to \$4,999 \$5,000 to \$5,999	2 803	81 79	61 216	120 231	381 842	694 464	89 124	24 53	199 272	45 114	304 358	140 50
\$6,000 to \$6,999 \$7,000 to \$9,999	13 718	117 421	481 2 964	311 2 611	1 088 4 989	431 764	114 519	43 77	243 638	111 227	277 395	49 113
\$10,000 to \$14,999 \$15,000 to \$24,999	15 981 7 329	323 42	2 461 740	4 282 1 724	. 6 970 3 968	557 296	490 256	51 44	435 130	151 74	203 55	58
\$25,000 or more Median	1 986	\$8 500	81 \$9 700	502 \$11 800	1 130 \$11 400	151 \$4 700	36 \$9 500	18 \$5 500	22 \$6 600	\$5 600	25 \$4 700	\$2000 —
VALUE-INCOME RATIO		40 000	\(\psi\)	4 3	4	*	4, 555	45 500	40 000	40 000	4 -700	4200
Specified owner occupied ¹	44 908 19 484	684 307	5 826 2 441	8 720 4 441	1 6 479 9 065	4 251 925	1 285 704	393 144	1 949 680	936 281	1 888 409	2 497 87
1.5 to 1.9 2.0 to 2.4	8 983	179 110	1 666 872	2 049 1 131	3 483 1 819	572 634	188 191	57 20	369 234	102 78	244 160	74 103
2.5 to 2.9	2 906	28	414	572	822	395	82	36	143	106	172	136
3.0 to 3.9 4.0 or more	5 091	36 24	283 138	320 199	700 545	588 1 111	50 63	27 98	117 368	63 286	269 545	297 1 714
Hot computed	342	-	12	8	45	26	7	11	38	20	89	86
Renter occupied housing units	22 532	2 397	4 150	1 795	2 786	927	869	137	2 776	307	3 788	2 600
Plumbing FACILITIES BY PERSONS PER ROOM With all plumbing facilities	21 342	2 379	4 099	1 772	2 710	884	815	137	2 682	290	3 321	2 253
0.50 or tess 0.51 to 1.00	11 174 8 798	844 1 472	1 045 2 657	260 1 133	1 262 1 296	661 212	368 383	90 47	1 087 1 313	219 49	3 150 171	2 188 65
1.01 to 1.50	1 143	46 17	355 42	315 64	121	ii	53 11	-	220 62	22	-	-
tacking some or all plumbing facilities	1 190	18	51	23	76	43	54 15	={	94 18	17 12	467 209	347 174
0.51 to 1.00	473 650	10	46	23	19 32	26 17	29	=]	57	5	258	173
1.01 to 1.50 1.51 or more	41 26	5 3	5	-	25	-	6 4	-	5 14	-	~	-
UNITS IN STRUCTURE	4 828	585	1 434	892	1 320	327	321	71	756	68	680	374
2 to 4	11 554	1 504	2 213	763	1 189	444 123	396 120	45 21	1 498 447	212	1 865 1 032	1 425 647
5 to 19 20 or more	3 346 395	224 16	393 26	117 9	195 50	12	6	-	28 47	-	140	108
Mobile home or trailer	409	86	84	14	32	21	26	-	4/	-	/1	40
Specified renter occupied? Less than \$50	21 871 1 663	2 330 64	3 986 78	1 683 51	2 674 77	876 63	846 25	137 12	2 748 221	302 29	3 728 492	2 561 551
\$50 to \$59	1 216	55	77	53	76 218	51	49 43	30	153 220	38	372 556	292 376
\$60 to \$69 \$70 to \$79	2 100 2 572	197 304	246 333	142 152	331	117	71	12	373 706	36 68	547 758	296 411
\$80 to \$79 \$100 to \$119	5 055 3 474	632 515	978 891	390 349	682 415	182 121	223 89	25 15	450	26	388	215
\$120 to \$149 \$150 to \$199	2 430 1 1 475	365 131	624 508	209 129	254 206	90 69	173 92	15	353 110	36 5	233 139	93 71
\$200 to \$299 \$300 or mare	510 72	16	116	47 4	125 33	21	20	-	59 15	13	64 9	29 5
No cash rent	1 304	51	129	157	257	99	61	28	88	42	170	222
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME						}						
Specified renter occupied?Less than \$5,000	21 871 8 878	2 330 496	3 986 330	1 683 199	2 674 360	876 544	846 358	137 90	2 748 1 783	302 177	3 728 2 183	2 561 2 358
Less than 20 percent	847	35	47	17	48 57	54 80	5 37	16	175 195	14 16	315 234	121 86
20 to 24 percent 25 to 34 percent	1 661	88 126	35 86	53 55	85	143	61	9 41	297 899	44 71	403 930	352 1 504
35 percent or more	4 323 1 166	210 37	135 27	41 33	109 61	189 78	194 61	24	217	32	301	295 160
Less than 20 percent	8 762 5 906	1 441 1 003	2 256 1 560	849 586	1 290 906	214 76	372 210	37 27	767 413	103 58	1 273 989	78
20 to 24 percent	1 401	288 132	364 233	101 81	145 73	52 47	83 41	5	198 113	12 17	129 113	24 28
33 percent or more	878 171	11	29	7 7	40 126	14	5 33	-	24 19	10	11 31	24
Not computed \$10,000 to \$14,999	3 291	7 364	70 1 110	489	761	78 (96	10	157 148	18 18	176 161	32 32
Less than 20 percent 20 to 24 percent	2 921 149	343 10	1 037 45	395 27	645 31	57 10	80 11	-		[2]	15	=
Not computed	38 183	11	4 24	5 62	20 65	11	5	5	9 -	-	-	,=
\$15,000 or more less than 20 percent	940 884	29 29	290 270	146 138	263 245	40 40	20 20	-	41 31	4	96 96	11
20 10 24 percent	6	-	6	-	243	-	-	-(_	-1	-	-
25 percent or more	50	-	14	8	18	-1	_ =		10	-	-	
L.												

*Limited to one-family homes on less than 10 acres and no business on property. **Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

 -	Data based on s	sample, see text.	For minimum bo	se for derived tig	ures (percent, m	nedian, etc.) and	meaning of symp	OIS, See TEXT		
The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	56 717	6 572	16 233	9 675	9 471	6 868	4 105	2 407	1 386	4.1
BEDROOMS None and 1	1 833 14 292 27 427 13 165	833 2 987 1 681 952	822 6 629 6 645 2 332	73 2 554 5 367 1 844	67 1 287 6 334 1 735	17 538 3 877 2 328	21 239 2 391 1 769	- 58 820 1 070	312 1 135	1.6 2.1 3.5 4.3
YEAR STRUCTURE BUILT 1969 to Morch 1970	1 221 4 169 4 533 13 290 5 811 27 693	72 194 297 1 110 734 4 165	269 969 1 075 3 535 1 806 8 579	258 678 780 2 422 1 059 4 478	316 1 019 827 2 613 995 3 701	177 708 719 1 682 588 2 994	74 368 511 1 044 352 1 756	45 187 221 613 203 1 138	10 46 103 271 74 882	3.5 3.7 3.6 3.3 2.8 2.7
UNITS IN STRUCTURE 1	49 418 5 084 2 215	4 824 1 275 473	13 602 1 823 808	8 341 910 424	8 650 534 287	6 459 279 130	3 897 153 55	2 321 69 17	1 324 41 21	3.3 2.2 2.3
COMPLETE BATHROOMS 1 and 1 1/2	49 456 5 417 610 1 234	5 929 221 41 396	14 674 1 029 137 350	8 315 1 072 109 158	8 171 1 104 118 118	6 076 736 44 66	3 151 689 62 77	2 081 368 45 38	1 059 198 54 31	30 39 37 21
HOUSEHOLD COMPOSITION Twe-or-more-person households. Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other mole head Under 65 years Female head Under 65 years Under 65 years 65 years and over Female head Under 65 years 65 years and over	50 145 44 038 1 151 7 129 9 91 32 122 2 248 1 727 527 521 3 859 2 621 1 238 6 572		16 233 13 174 357 640 526 7 172 4 479 1 087 703 384 1 972 1 129 843	9 675 8 379 430 1 092 982 5 020 855 418 355 63 878 609 269	9 471 8 706 261 2 260 2 216 3 732 237 297 269 28 468 391	6 868 6 347 75 1 736 2 536 1 940 60 214 187 27 307 283 24	4 105 3 848 14 845 1 805 1 128 56 130 120 10 127 117 10	2 407 2 287 4 400 1 182 6 880 21 5 52 4 3 9 6 8 6 42 6 6	1 386 1 297 100 156 666 450 15 50 50 39 39	3.4 3.6 3.0 4.3 5.0 3.1 2.1 2.6 3.0 2.2 2.5 2.8 2.2 1.0
VALUE-INCOME RATIO Specified owner occupied 1.5	5 091	496 318 263 308 566 2 259	4 191 2 230 1 702 1 036 1 070 1 902	7 6n7 3 ° 46 1 699 862 398 339 336 27	7 991 3 876 2 051 1 008 481 313 254 8	5 891 3 023 1 347 789 324 250 141	3 562 1 908 812 385 190 162 99	2 046 1 165 361 286 124 44 74	1 198 879 165 77 45 6 26	13 38 3.6 3.3 2.6 2.3 1.7
Renter occupied housing units	22 532	6 388	5 893	3 827	3 017	1 629	965	431	382	2.3
BEDROOMS None		3 163	1 354 2 954	352 2 131 1 181	202 1 401 1 465	- 58 507 1 176	34 253 594	- - 30 428	- 46 463	1.0 1.3 2.4 3.9
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	83: 52: 1 89: 2 37	2 159 3 152 8 492 1 611	297 143 2 496 467	400	51 118 83 282 370 2 113	18 40 34 134 219 1 184	20 98 180	5 7 9 38 65 307	- 5 6 21 59 291	26 24 23 24 28 23
UNITS IN STRUCTURE 1 2 3 and 4 5 to 9 10 to 19 20 or more Mobile home or trailer	7 64 3 90 2 55 78	9 1 71 15 1 57 17 1 10 19 57 25 24	7 2 210 3 1 009 2 651 7 110 8 109	1 555 590 300 55 34	1 245 1 131 371 197 33 4	698 555 225 143 8	269 54	229 106 50 35 6	-	3.5 2.5 1.9 1.8 1.2 1.3
COMPLETE BATHROOMS 1 and 1 1/2 2 or more None or also used by another household	49	7 7	6 166	66	2 891 62 43	1 478 39 59	31	11	331 42 -	2.4 2.6 1.3
HOUSEHOLD COMPOSITION Two-er-more-person households Male head, wife present, no nanrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years and over Female head Under 65 years 65 years and over 65 years and over 65 years and over 0ne-person households	12 02 33 4 1! 1 7 7 9 9 1 0	55 77 50 55 66 67 69 69 67	. 5 893 - 4 054 - 990 - 939 - 188 - 188 - 749 - 508 - 404 - 104 - 1331 - 107	3 827 2 881 903 1 042 224 607 105 258 230 28 688 688	3 017 2 464 396 1 136 443 463 26 114 109 5 439 434 5	518 377 249 30 59 59 - 328 315	784 23 334 263 152 12 35 35 - 146 132	325 12 114 142 52 5 20 20 20	5 67 158 75 - 12 12 - 65 62	2.8 2.1 2.5 2.6 2.2 2.6 3.0
GROSS RENT AS PERCENTAGE OF INCON Specified renter occupied? Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or mare Not computed	21 8 2 3 4 5 3 6 2 4 2 5 4 4	52 36 59 77 47 66 37 48 72 89 99 2 46	64 683 8 1 243 61 1 029 88 697 96 670	480 962 758 484 369	2 896 374 828 506 388 290 302 208	196 374 316 203 145	127 219 232 80 100 7	60 91 66 64 46	68 64 79 33 56	2.6 2.6 2.7 2.6 2.1

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A=9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more	The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	513	143	134	236	Vacant for rent	1 342	753	337	252
ROOMS					ROOMS				1
) to 3 rooms	25 66 146 110 166	5 10 33 40 55	5 17 34 40 38	15 39 79 30 73	1 room	170 59 204 266 346 174	154 51 121 151 159 79	5 54 54 131 56	11 8 29 61 56 39
PLUMBING FACILITIES					7 rooms or more	123	38	37	48
With all plumbing facilities Lacking some or all plumbing facilities	489 24	138	132	219 17	PLUMBING FACILITIES				1
BEDROOMS		ļ			With all plumbing facilities Lacking some or all plumbing facilities	1 220 122	475 78	314 23	231
None and 1	36 185 128 162	14 59 36	105 18 65	36 66 51 61	BEDROOMS				
YEAR STRUCTURE BUILT					None	169 473 401	154 298 214	123 143	15 52 44
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	75 41 79 318	48 7 17 71	7 14 9 104	20 20 53 143	3 or more YEAR STRUCTURE BUILT	305	108	117	80
UNITS IN STRUCTURE			1		1969 to March 1970	56 75	29 48	22	5 27
2 or more	451 62	138 5	107 27	20 <i>6</i> 30	1950 to 1959 1949 or earlier	109 1 102	76 600	11 304	22 198
HEATING EQUIPMENT					UNITS IN STRUCTURE			Ì	
Steam or hot water	25 400 8 3 73 4	12 108 4 - 19	7 120 - - 7	6 172 4 3 47 4	1	357 599 199 177 10	120 340 121 162 10	103 189 40 5	134 70 38 10
SALES PRICE ASKED				j	RENT ASKED				
Specified vacent for sale* Less than \$5,000. \$5,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$19,999. \$20,000 to \$24,999. \$25,000 to \$34,999. \$35,000 to \$49,999. \$35,000 or more. Median price asked.	399 43 64 114 35 54 59 26 4 \$14 100	129 9 16 29 14 15 27 19 - \$18 800	97 5 14 44 9 20 5 -	173 29 34 41 12 19 27 7 4 \$12 900	Specified vacant for rent? Less than \$50 \$50 to \$59 \$40 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$149 \$200 or more Median rent asked	1 319 204 211 332 160 120 98 95 97 \$75	753 111 74 200 92 83 57 51 85 \$79	328 51 85 68 37 13 29 31 14	238 42 52 64 31 24 12 13

^{*}Limited to one-family homes on less than 10 acres and no business on property.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

(Data based on sample, see text. For meaning of symbols, see text)

		**	Sales price a	sked Vacan	for sale				Ren	t asked	Vacant fo	r rent²		
The SMSA	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 10 \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 ar more
Total	399	107	114	35	54	59	30	1 319	415	332	160	218	95	99
PLUMBING FACILITIES							Ì							
With all plumbing facilities Lacking some or all plumbing facilities	357 -	134 -	149 -	-	25 _	14	35	1 223 101	349 64	244 12	204 12	191 13	137	98 -
BEDROOMS							1							1
None and 1	105 114 138	_ 56 43 35	35 36 78	- - -	- - 25	14 	- 35 -	642 401 161 120	183 160 70	123 108 13 12	150 42 - 24	100 36 32 36	25 42 46 24	61 13 - 24
YEAR STRUCTURE BUILT														
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	73 38 65 223	8 4 18 77	- 6 13 95	11 4 8 12	11 13 9 21	36 8 10 5	7 3 7 13	56 75 109 1 079	4 17 394	9 _ 28 295	7 9 144	4 20 47 147	33 15 5 42	10 29 3 57
UNITS IN STRUCTURE														
1 2 to 4 5 to 19 20 or more	•••	•••		•••			:::	334 599 376 10	107 193 115	65 210 57 -	49 67 37 7	67 94 57 —	22 32 41	24 3 69 3
INCLUSION OF UTILITIES IN RENT							1							
All utilities includedSame or no utilities included	•••					•••		436 883	132 283	92 240	78 82	94 124	28 67	12 87

Elimited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more,

²Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

(Data based on	sample, see tex	t. For minim	um base for	derived figure:	s (percent, me	edian, etc.) and	meaning or s	lymbols, see n	exij		
Erie	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Medion (dollars)
Specified owner occupied ¹	21 056	438	1 747	3 183	3 855	3 554	4 810	1 996	887	370	216	13 400
ROOM5 and 2 rooms	22 83 1 760 4 589 7 947 3 634 3 021 6.0	6 14 54 123 125 51 65	22 214 266 556 332 357 6.2	11 23 277 489 1 216 621 546 6.2	399 726 1 618 609 498 6.0	5 11 431 852 1 400 561 294 5.8	- 314 1 483 1 887 731 395 5.8	4 57 515 769 427 224 6.0	- 4 14 124 305 196 244 6.5	- 11 52 85 222 7.5+	- - 19 21 176 7.5 +	12 100 14 500 13 300 13 400 12 900
PERSONS 1 person	2 220 6 026 3 491 3 514 2 573 3 232 3.2 422	114 197 25 39 20 43 2.0	296 540 270 225 140 276 2.6	457 981 511 396 289 549 2.8	468 1 134 661 544 461 587 3.0	298 993 606 640 483 534 3.3	347 1 156 866 996 710 735 3.5	130 546 323 437 285 275 3.5	40 291 151 158 129 118 3.2	39 114 55 44 47 71 3.1	31 74 23 35 9 44 2.6	11 300 12 900 13 600 14 700 14 400 13 300 9 600
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	20 999 11 110 8 684 1 080 125 57 33 21 3	432 319 88 22 3 6 -	1 729 1 069 527 109 24 18 10 5	3 177 1 876 1 100 184 17 6 6	3 844 2 097 1 565 172 10 11 11 	3 554 1 746 1 516 257 35 - - - -	4 794 2 124 2 396 242 32 16 6 10	1 996 916 1 007 69 4 - - -	887 529 340 18 - - - - -	370 267 96 7 - - - -	216 167 49 - - - - - -	13 400 12 800 14 300 13 000 13 100
BEDROOMS None and 1	223 3 717 11 600 5 294	1.54 191 101	41 257 653 568	39 648 1 775 691	61 789 2 010 847	40 637 1 996 1 111	42 663 2 924 881	- 451 1 421 406	97 470 416	- 21 76 114	- 84 159	12 500 14 000 13 500
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	88 791 1 350 5 649 2 199 10 979	- - - 11 427	- 6 41 106 1 594	5 37 268 225 2 648	9 4 121 688 482 2 551	12, 79 242 1 069 522 1 630	21 365 526 2 133 508 1 257	21 204 277 853 208 433	8 83 116 375 83 222	17 22 15 127 41 148	29 10 95 13 69	19 100 17 900 16 600 13 800
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more None or also used by another household	19 316 1 466 167 196	400 7 - 27	1 742 68 - 28	3 069 99 9 31	3 733 102 13 41	3 279 152 - 13	4 557 260 36 56	1 707 201 -	618 243 12 -	174 231 26	37 103 71	13 000 21 100 42 800 10 700
HOUSEHOLD COMPOSITION Two-er-more-person households. Male head, wife present, no nonrelatives	320 2 268 3 487 7 866 2 331 906 645 261 1 658 963 695 2 220 918	324 180 10 24 9 66 71 48 22 26 96 38 58 114 26 88	1 451 1 109 9 124 174 582 220 130 83 47 212 126 86 296 96	2 726 2 249 33 223 420 1 084 489 150 97 53 327 185 142 457 170 287	3 387 2 913 59 337 607 1 514 376 131 92 39 343 189 154 468 219 249	3 256 2 808 62 484 578 1 257 427 200 154 46 248 133 115 298 137	4 463 4 063 1110 707 973 1 910 363 1111 88 23 289 2111 78 347 171	1 866 1 728 29 285 397 836 181 70 51 19 68 27 41 130	847 7555 8 500 211 345 141 46 38 8 46 40 6 40 24	331 304 	185 163 - 4 33 30 107 19 12 12 - 10 5 5 31 21	13 700 14 000 14 500 14 600 14 800 13 900 12 600 12 400 13 000 11 400 11 400 11 300 11 300 11 300 11 300 11 300
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$6,999 \$10,000 to \$1,999 \$15,000 to \$24,999 \$25,000 to \$24,999 \$25,000 to \$24,999 \$25,000 to \$24,999	1 553 880 857 746 1 020 1 235 - 5 209 6 166 694	32 52 69 34 29	244 148 142 92 173 151 421 312 64 - \$6 500	383 178 163 171 172 248 889 735 224 20 \$7 900	285 200 136 186 194 265 1 090 1 046 424 29 \$8 800	224 117 157 102 200 218 964 1 195 334 43 \$9 400	193 114 148 128 183 223 1 231 1 769 744 777 \$10 500	62 69 44 44 51 41 378 751 456 100 \$12 100	10 9 31 5 9 32 101 257 310 123 \$14 800	10 9 42 42 42 71 196 \$27 300	10 - - - 6 5 24 25 40 106 \$24 500	16 800 31 300
YEAR MOVED INTO UNIT 1969 to March 1970	1 150 1 061 1 959 3 491 7 119	- 17 14 62 114	96 70 105 79 236 463 789	89 ⁹ 168 90 224 435 1 084 1 118	224 166 157 203 604 1 395	231 144 156 355 534 1 204 820	311 350 288 606 923 1 799 632	153 108 148 313 450 507 229	41 70 41 103 168 343	59 31 49 35 70 123 64	9	15 400 15 100 15 800 14 400 13 500
HEATING EQUIPMENT Steam or hot water	1 274 19 224 73 66	320	96 1 425 - 23 203	102 2 940 9 22 110	237 3 575 10 19 14	170 3 368 11 - 5	4 556 19	154 1 823 19 - -	121 766 — — —	59 306 5	145	
AIR CONDITIONING Room unit(s) Central system	38	3 6	117 15 1 706	210 41 2 957	322 57 3 510	31.5 24 3 105	77	236 50 1 622	186 25 662	40	5:	15 400 3 17 600 7 13 100

*Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

	[Data basea	on sumple, se	e text. For m	mminom base	TOT GETTYEE	igures (perce	m, median, e	rc.) and med	ing or symbi	Jis, see (exi)			
Erie	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	to	(to	0 0	r cash	n ∫ Mediar
Specified renter occupied ¹	15 627	1 351	943	1 615	2 081	3 731	2 493	1 743	824	265	17	566	88
1 room	526 617 2 310 3 780 4 667 2 665 720 342 4.6	313 111 304 459 142 16 6 6 - 3.3	60 102 198 262 243 58 20 -	60 161 445 414 364 132 20 19 3.8	65 407 651 564 266 79 4	6 101 467 703 1 377 831 175 71 4.9	11 49 212 478 997 540 141 65	- 15 172 455 468 431 149 53	6 5 43 211 250 247 36 26 5.1		5 5	35 86	65 75
PERSONS 1 persons	4 882 4 075 2 551 1 926 1 083 1 110 2.2 442	849 180 121 110 56 35 1.3	514 194 49 53 19 114 1.4	746 335 284 132 74 44 1.7	677 559 331 222 129 163 2.2	929 1 113 628 502 293 266 2.3	490 703 471 441 179 209 2.6	266 483 383 304 150 157 2.8	153 263 152 86 86 84 2.5	56 74 34 35 53 11 2.5	7 5	197 164 93 41 44 27 2.0	73 92 94 97 96 95
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 0.50 or less 0.51 to 1.00 1.01 to more	14 813 8 089 5 786 809 129 814 318 469 17	932 530 340 62 - 419 126 275 11	827 548 164 102 13 116 56 60	1 520 894 559 39 28 95 47 48	2 024 1 045 831 116 32 57 36 21	3 664 2 027 1 417 188 32 67 27 37 -	2 465 1 256 1 052 1 47 10 28 11 17	1 732 830 800 88 14 11 - 5 6	818 441 339 38 6	259 143 105 11 4 4	17 5 12	555 370 167 18 - 11 11 -	89 88 93 88 77 50 55 50—
BEDROOMS None	499 3 650 6 871 4 544	253 518 487 79	351 326 180	96 650 605 264	62 626 820 542	67 666 1 729 1 047	21 432 1 261 882	- 222 758 557	99 515 412	19 85 256	- - -	67 285 325	50 74 92 100
YEAR STRUCTURE BUILT 1949 to March 1970 1945 to 1948 1950 to 1959 1940 to 1949 1939 or earlier	87 271 198 1 162 1 749 12 160	- - 33 621 697	10 	5 3, 69, 120, 1 412,	8 10 213 141 1 709	29 17 84 144 3 457	16 11 158 150 2 158	3 10 71 358 217 1 084	50 123 65 92 141 353	29 62 61 5 106	10 - - 7	18 54 36 458	174 139 115 65 87
ELEVATOR IN STRUCTURE 4 floors or more With elevator Walk-up 1 to 3 floors	255 102 153 15 309	22 22 21 1 315	857	- - 1 615	34 34 2 016	21 21 - 3 488	77 - 77 2 519	21 - 21 1 516	40 19 21 986	40 40 - 320	-	677	
COMPLETE BATHROOMS 1 and 1 1/2 2 or more None or also used by another household	14 241 226 1 152	862 7 493	773 21 170	1 453 7 183	1 954 6 113	3 658 20 109	2 371 9 29	1 768 17 14	737 46 9	168 53 -	15 7 -	482 33 32	90 160 54
INCOME IN 1969 less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$4,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 to \$24,999 \$25,000 to more Median	3 072 1 270 1 297 1 089 1 359 1 415 3 374 2 157 539 55 \$5 \$5 800	652 205 126 83 78 38 134 30 5	278 113 145 71 89 64 131 42 10	417 162 190 119 120 160 298 133 16	423 196 217 135 199 213 424 240 29 12 \$5 400	551 304 244 349 378 370 959 509 62 5	297 120 170 172 236 644 482 110 - \$7 000	161 95 96 94 164 167 474 391 93 6 \$7 600	93 31 38 20 22 85 187 210 128 10 \$9 000	32 10 15 5 15 15 36 66 58 11 \$10 300	5	163 34 56 41 65 39 80 49 28 11	73 77 77 86 90 91 93 104 128
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959 1949 or earlier	5 231 2 273 1 524 1 896 2 469 1 533 693	385 155 113 227 298 142 42	245 114 95 76 231 136 67	406 207 178 256 243 188 165	581 276 161 311 384 271 89	1 311 506 355 421 646 406 142	890 463 223 271 366 159 37	814 318 234 200 167 60	416 132 88 62 45 49	106 30 48 7 15	7 7 8	70 72 22 65 66 107 145	95 91 91 82 81 79 70
GROSS RENT AS PERCENTAGE OF INCOME Less than 10 percent	1 735 3 281 2 593 1 749 1 872 3 421 976	260 184 198 143 219 325 22	196 168 116 104 97 257	304 370 184 117 187 386 67	310 587 246 133 265 477 63	357 999 681 473 317 807 97	192 580 505 355 300 493 68	76 259 404 281 289 384 50	29 129 185 107 160 181 33	11 5 74 36 38 94 5	17	566	73 86 96 96 91 86 88
AIR CONDITIONING Room unit(s) Central system None	993 211 14 415	8 9 1 345	47 8 909	108 7 1 528	126 8 1 939	250 4 3 533	138 11 2 260	187 7 1 605	76 62 654	9 67 145	14 8	44 14 489	93 186 87

*Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

	[Data based o	n sample, see	text. For min	imum pase to	r derived tigur	es (percent, n	nealan, etc.) al	ia meaning of	symbols, see	IRXI]		
Erie	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Medion (dollers)
Owner occupied housing units	25 380	2 187	1 328	1,177	1 010	1 241	1 561	6 177	6 938	3 000	761	9 000
ROOMS 1 and 2 rooms	54 219 2 347 6 391 9 178 7 191	16 78 391 647 653 402	12 44 270 351 380 271	20 166 321 486 184	- 172 247 314 277	- 162 333 421 325	10 195 463 569 324	16 38 533 1 588 2 365 1 637	10 15 343 1 883 2 616 2 071	14 100 533 1 196 1 157	- 15 25 178 543	2 700 6 100 8 600 9 200 10 400
PERSONS 1 person	3 307 7 547 8 283 2 781 3 462 539	1 459 565 98 27 38 160	517 689 89 9 24 27	326 639 161 26 25	222 582 130 36 40 44	179 587 342 49 84 35	192 665 407 176 121 31	242 1 689 2 454 830 962 109	133 1 429 2 949 1 052 1 375 78	21 525 1 377 495 582 26	16 177 276 81 211	2 400 7 100 10 800 11 100 11 600 5 400
BEDROOMS Less than 3 3	6 641 13 308 5 638	985 673 361	551 322 282	596 566 144	402 445 159	432 575 258	416 1 029 428	1 461 3 678 1 195	1 364 4 098 1 597	359 1 659 771	75 263 443	6 900 9 500 10 000
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	88 2 174 5 804 17 314	4 71 256 1 856	5 45 159 1 119	 40 108 1 029	26 146 838	4 87 193 957	- 96 282 1 183	27 633 1 500 4 017	21 825 1 912 4 180	15 279 1 015 1 691	12 72 233 444	10 500 10 700 8 300
YEAR MOVED INTO UNIT 1969 to March 1970	1 501 1 239 7 455 15 182	40 31 329 1 823	34 7 226 1 143	57 13 132 937	39 69 205 713	83 93 267 825	107 68 398 878	518 367 2 116 3 132	450 413 2 514 3 514	121 129 1 043 1 787	52 49 225 430	9 300 9 800 10 100 8 200
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air conditioning Room unit(s) Central system Automobiles available:	15 662 4 641 5 589 1 395 2 967 2 525 442	1 031 500 108 222 121 177 132 45	649 360 77 142 40 69 62	746 423 40 211 55 64 64	802 500 78 234 21 87 87	962 568 162 185 39 96 76	1 511 965 117 195 94 106 89	5 454 4 487 974 1 383 267 639 546 93	6 175 4 878 1 518 1 821 471 857 753 104	2 608 2 279 1 088 840 251 606 518 88	717 702 479 356 36 266 198 68	9 500 10 000 12 500 10 600 11 400 11 400 11 900
1	. 13 978 . 7 054 . 1 250	814 92 -	830 72 6	754 60 6	618 141 9	858 235 8	1 179 163 21	4 248 1 450 139	3 568 2 778 449	1 006 1 562 473	103 501 139	8 400 12 400 14 900
Renter occupied housing units	15 649	3 076	1 270	1 297	1 089	1 359	1 415	3 379	2 161	543	60	5 800
ROOMS 1 recm	617 2 315 3 780 4 671	260 238 759 718 631 470	59 80 299 364 278	40 43 145 395 417 257	22 57 167 264 333 246	32 50 219 397 383 278	48 41 194 345 522 265	54 97 291 726 1 124 1 087	11 185 459 802 704	5 39 101 171 227	6 - 17 11 10 16	2 100 2 900 3 700 5 400 6 600 7 500
PERSONS 1 persons	4 085 4 481 1 083	354 94 62	421 214 36 27	487 369 242 103 96	341 357 259 66 66 33	359 378 460 69 93 63	276 412 527 97 103 27	468 844 1 331 324 412 75	156 694 909 211 191	45 176 181 77 64	34 16 4 6 	2 500 6 200 7 400 7 700 7 800 4 700
BEDROOMS None 1 2 3 or more	3 650 6 87	1 122	385 672	318 615 384	304 575 449	33 366 654 347	22 322 708 264	55 505 1 302 1 359	288 914 697	40 325 284		2000 4 000 5 700 7 200
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	46 ⁶	7 6 7 159	35 76	5 32 87 1 173	80	46 107 1 206	5 46 94 1 270	20 64 294 3 001	21 102 211 1 827	11 57 55 420	4	7 400 6 800 5 700
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1939 or earlier	2 27: 5 88	3 398	151 2 540	441 170 441 216	399	505 198 408 216	541 203 486 222	1 089 570 1 373 401	754 336 849 308	153 128 161 65	42	5 900 6 500 5 900 5 400
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied' Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	5 01 2 59 1 74 1 87 3 42	6 3 9 4 2 2 2 1 2 1 2 1 2 1	5 76 5 130 5 301 8 708	49 170 212 477	111 187 337 299 114	1 359 260 351 380 269 34 65	464 261 167 35	3 374 1 926 907 322 125 14 80	2 157 1 699 333 62 9 5	60	44	5 800 9 500 7 000 5 400 3 900 2000 2000
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air canditioning Room unit(s) Central system Automobiles available:	4 64 82 88 49 1 20	1 40 8 4 4 9 6 6 6 14 3 13	4 67 7 33 4 42 4 68 8 41 2 36	75 27 70 57	388 36 73 - 29 29	680 487 81 40 116 103	474 21 30 116 81	263	1 187 767 200 152 67 271 219	425 203 85 82 97	20 20 32	7 400 10 200 7 600 8 000 7 900 7 700
3 or more	1 79	1 10	1 49	60		929 82 13	1 002 159 19			179	15	6 900 9 200 10 800

Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

			With all	plumbing facili	ties			Lacking som	e or all plumbi	ng facilities	
E rie	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0,51 to 1.00	1.01 to 1.50	1.51 or more
Owner occupied housing units	25 380	25 292	14 058	9 907	1 177	150	88	64	21	3	-
PERSONS 1 person	3 307 7 547 4 318 3 965 2 781 3 462 2.9 539	3 264 7 520 4 318 3 959 2 777 3 454 2.9 539	3 259 7 424 2 768 457 150 2.0 327	5 81 1 544 3 498 2 580 2 199 4.5	- 4 39 1 134 7.1 23	15 6 8 121 7.5+ 23	43 27 - 6 4 8	43 21 - - - - 	6 4 5	3	-
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	92 822 1 309 5 831 2 376 14 947	92 822 1 309 5 831 2 376 14 856	46 290 486 2 640 1 357 9 181	46 475 642 2 853 955 4 978	57 156 310 52 613	25 28 12 84	- - - 91	63	- - - 24	- - - - 4	- - - -
INCOME IN 1969 Less than \$2,000 - \$2,000 - \$2,000 in \$2,999 - \$3,000 in \$3,999 - \$4,000 in \$4,999 - \$5,000 in \$6,999 - \$6,000 in \$6,999 - \$7,000 in \$6,999 - \$10,000 in \$14,999 - \$10,000 in \$14,999 - \$15,000 in \$24,999 - \$25,000 or \$24,999 - \$25,000 or more Median	2 187 1 328 1 177 1 010 1 241 1 561 6 177 6 938 3 000 761 \$9 000	2 154 1 317 1 172 1 000 1 241 1 556 6 159 6 938 2 994 761 \$9 000	2 013 1 215 1 044 846 922 1 008 2 703 2 706 1 218 383 \$7 000	113 92 111 142 285 489 3 109 3 658 1 563 345 \$10 800	28 4 17 5 27 59 298 509 203 27 \$11 500	6 7 7 7 49 65 10 6 \$10 500	33 11 5 10 5 18 6	27 11 10 5 11 -	6 - 5 - - 4 - 6 -	- - - - - 3 - -	
VALUE-INCOME RATIO Specified owner occupied* Less than 1.5 1.5 to 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more Not camputed	21 056 10 040 4 063 2 134 1 200 1 113 2 356 150	20 999 10 026 4 037 2 134 1 200 1 108 2 344 150	11 110 4 156 1 785 1 150 807 890 2 180 142	8 684 5 032 2 039 902 359 209 140 3	1 080 766 164 78 34 9 24	125 72 49 4 - - -	57 14 26 - - 5 12	33 5 11 5 12 -	21 6 15 - - - -	3 3 - - -	- - - - - -
HEATING EQUIPMENT Steam or hat water	1 652 22 726 93 92 817	1 635 22 687 93 92 785	1 003 12 400 58 54 543	550 9 095 26 29 207	71 1 063 9 9 25 -	11 129 - - 10	17 39 - - 32 -	17 26 - 21	10 - - 11	3 - - -	-
Renter occupied housing units	15 649	14 835	8 102	5 791	809	133	814	318	469	17	10
PERSONS 1 person	4 886 4 085 2 555 1 926 1 083 1 114 2.2 442	4 259 3 966 2 505 1 917 1 077 1 111 2.3 432	4 095 3 306 637 60 4 - 1.5 215	164 655 1 863 1 798 901 410 3.6	- 5 53 157 594 6.1 23	-5 -6 15 107 7.5 +	627 119 50 9 6 3 1.1	282 32 4 - - 1.1 4	345 80 35 9 - 1.2	11 6	7 - - 3
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or eorlier	82 262 196 1 192 1 726 12 188	82 262 196 1 162 1 702 11 376	46 152 109 587 788 6 259	36 103 65 430 649 4 632	7 12 107 253 425	 10 38 12 60	30 24 812	14 12 304	- 16 12 480		- - - 9
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,099 \$3,000 to \$3,799 \$4,000 to \$4,799 \$5,000 to \$5,999 \$5,000 to \$6,999 \$7,000 to \$6,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	3 076 1 270 1 297 1 089 1 359 1 415 3 379 2 161 543 60 \$5 800	2 690 1 147 1 243 1 033 1 312 1 332 3 331 2 149 538 60 \$6 000	2 101 796 784 683 669 551 1 305 925 240 48 \$4 500	495 318 352 293 550 706 1 731 1 069 265 12 \$7 300	72 29 100 46 80 62 246 141 33 - \$7 200	22 4 7 11 13 13 49 14 - - \$6 700	386 123 54 56 47 83 48 12 5	173 56 25 15 12 22 15	213 67 22 36 32 61 33 - 5 \$2 300	- - 5 - - 12 -	- 7 3 - - - -
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied? Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Mot computed	15 627 1 735 3 281 2 593 1 749 1 872 3 421 976	14 813 1 618 3 203 2 515 1 670 1 756 3 108 943	8 089 610 1 445 1 162 855 1 087 2 318 612	5 786 855 1 508 1 187 708 550 694 284	809 139 211 148 88 102 83 38	129 14 39 18 19 17	814 117 78 78 79 116 313 33	318 15 26 40 20 44 150 23	469 91 46 31 56 72 163	17 11 6 - - -	10 - 7 3 - -
HEATING EQUIPMENT Steam or hat water Warm-air furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	2 381 10 047 147 110 2 952 12	2 276 9 576 147 110 2 720 6	1 523 4 885 104 64 1 520	598 4 111 35 46 1 001	144 495 4 - 166	11 85 4 - 33	105 471 - - 232 6	14 145 - - 159	79 311 - 73 6	5 12 - - - -	7 3 - - - -

*Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	Luara basea on s	ampie, see text.	For minimum bo	ise for derived fi	gures (percent, r	nealan, etc.) and	meaning or symi	JOIS, SEE TEXT)		
Erie	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units Units with 1 or more bathrooms and	25 380	31	23	219	2 347	6 391	9 178	3 986	3 205	5.9
complete kitchen facilities for exclusive use, and direct access	25 041	21	24	208	2 413	6 393	8 921	3 945	3 116	5.9
PERSONS 1 persons 2 persons 3 persons	3 307 7 547 4 318 3 965	5 15 6	17 6 -	112 81 14 4	607 1 169 323 180	1 074 2 125 1 207 1 028	2 597 1 677	329 870 657 671	248 684 434 457	5.3 5.6 5.9 6.0
5 persons6 persons or more Median	2 781 3 462 2.9	- - 5 	-	8 - 1.5	39 29 2.0	533 424 2.5	1 218 1 146 3.1	558 901 3.7	425 957 4.0	6.2 6.6
PLUMBING FACILITIES BY PERSONS PER ROOM									;	
With all plumbing facilities	25 292 14 058 9 907 1 177 150 88 64	31 5 - 26 -	17 11 6 6 6	213 112 89 4 8	2 327 1 756 503 54 14 20 20	6 379 3 187 2 768 384 40 12	9 155 5 179 3 546 417 13 23	3 980 1 850 1 914 189 27 6	3 190 1 963 1 076 129 22 15	5.9 5.9 5.9 5.2
0.51 to 1.00 1.01 to 1.50 1.51 or more	21 3 -	- -	- - -	6 - -	- -	-	10 3 -	-	5 -	::- :: <u>-</u>
BEDROOMS										
Nane and 1	708 5 933 13 308 5 638	65 - - - -	- - -	216 - - -	263 1 651 74 -	103 3 050 3 022 138	61 1 006 7 684 993	144 1 860 1 874	82 668 2 633	3.8 4.9 6.0 7.4
YEAR STRUCTURE BUILT										
1969 to Morch 1970	88 2 174 5 804 17 314	5 - 26	- - 23	5 23 191	14 169 914 1 250	44 998 1 770 3 579	13 686 2 125 6 354	6 221 601 3 158	11 90 371 2 733	5.4 5.6 6.1
COMPLETE BATHROOMS 1 and 1 1/2 2 or more None or cliso used by another household	23 206 1 868 303	21	16 8 7	188 20 25	2 374 44 67	6 243 150 65	8 579 363 62	3 482 470 30	2 303 813 47	5.8 7.2 5.3
VALUE-INCOME RATIO										
Specified owner occupied1		16	6	83	1 760	4 589	7 947	3 634	3 021	4.0
Less than 1.5	. 10 040 4 063	6 5	6	8 21	597 327	1 857 1 058	3 839 1 541	2 007 669	1 720 442	6.2 5.9
2.0 to 2.9 3.0 or more Not computed	3 334 3 469	5 -	-	22 27 5	286 527 23	838 812 24	1 367 1 143 57	430 508 20	391 447 21	5.9 5.8 5.9
Renter occupied housing units Units with 1 or more bathrooms and complete kitchen facilities for exclusiv	15 649	526	617	2 315	3 780	4 671	2 670	724	346	4.6
use, and direct access PERSONS		90	397	2 155	3 583	4 621	2 545	691	332	4.7
1 person			487	1 461	1 141	900	305	43	40	3.5
2 persons 3 persons	2 555		102 16	633 140	1 163 744	1 395 1 014	638 468	89 130	53 43	4.6 4.9
4 persons 5 persons	- 1 926 1 083		6	53 15	474 163	669 356	505 354	159 165	60 30	5.1 5.5
6 persons or more	1 114	5	, 6	13 13	95 21	337 2.5	400 3.3	138 4.1	120 4.1	5.8
PLUMBING FACILITIES BY PERSONS PER ROOM	- 2.2	1.0	1.1	1.3	2.1	2.5	3.3	4.1	4.1	•••
With all plumbing facilities	14 835	174	439	2 171	3 674	4 641	2 670	724	342	4.7
0.50 or less 0.51 to 1.00	-l 8 102		348 74	1 381 712	2 235 1 187	2 269 2 035	1 411	262 423	196 114	4.5 4.9
1.01 to 1.50 1.51 or more	. 809	10	5	53	226	287	173	37	28	4.9
tacking some or all plumbing facilities	_ 814	352	178	25 144	26 106	50 30	4 -	2 -	4	1.8
0.51 to 1.00	- 469			80 61	69 31	26 4		-	4 -	2.8 1.2
1.01 to 1.50 1.51 or more	- 17 - 10	7	11	3	6			-)	
BEDROOMS										ļ
None			97	33		_	_	_	_	1.2
2	. 6 871	=	499	2 196 54	708 3 002	188 3 355	59 389	- 71	-	3.1 4.6
3 or more YEAR STRUCTURE BUILT	4 561	-	-	-	75	1 216	2 154	735	381	6.0
1969 to March 1970										
1960 to 1968	469	6	18	67	47 268	34 84	11	10	 5	4.0
1950 to 1959 1949 or earlier	1 167 13 926	20 500	21 578	154 2 088	496 2 969	236 4 317	192 2 467	38 676	10 331	4.3
COMPLETE BATHROOMS										
1 and 1 1/2			396	2 163	3 576	4 569	2 493	648	293	4.7
2 or more None or also used by another household	- 232 - 1152	14	7 220	175	13 170	52 72	52 63	50 11	44	6.1 2.1
GROSS RENT AS PERCENTAGE OF INCOME	1			1,73	170	"	63	11	-	• •
Specified renter occupied?				2 310	3 780	4 667	2 665	720	342	4.6
Less than 10 percent	3 281	120	38	212 388	398 823	547 1 139	300 572	104 143	16 42	4.7
15 to 19 percent 20 to 24 percent	2 593	24	81	307	582	789	570	170	1 70	4.7 4.9 4.7
25 to 34 percent35 percent or more	1 872	66	77	224 381 677	468 468	580 472	308 315	58 60	25 33 52	4.7
Not computed	3 421 976	200 15	224 38	677 121	867 174	472 842 298	444 156	115 70	52 104	4.2 5.0
		<u> </u>	l	<u> </u>						1

Limited to one-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

		Owner oc			derived figures			Renter o				
Erie	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	25 380	21 381	3 999	-	15 649	3 453	6 090	3 044	2 039	729	294	-
ROOMS												
1 room	31 23 219 2 347 6 391 9 178 3 986 3 205 5.9	16 6 89 1 791 4 645 8 065 3 696 3 073 6.0	15 17 130 556 1 746 1 113 290 132 5.2	1	526 617 2 315 3 780 4 671 2 670 724 346 4.6	62 29 146 831 768 911 442 264 5.4	11 27 375 1 143 2 852 1 420 222 40 5.0	35 184 950 1 001 547 243 46 38 3.9	198 228 528 600 393 78 14 	204 86 196 141 85 13 4 2.9	16 63 120 64 26 5 - - 3.1	-
PLUMBING FACILITIES BY PERSONS PER ROOM												
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 1.cking some or ell plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	25 292 14 058 9 907 1 177 150 88 64 21 3	21 324 11 330 8 789 1 080 125 57 33 21 3	3 968 2 728 1 118 97 25 31 31	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	14 835 8 102 5 791 809 133 814 318 469 17	3 437 1 543 1 577 275 42 16 16 -	6 001 3 283 2 451 246 21 89 58 28 	2 837 1 686 1 018 99 34 207 119 77 11	1 738 995 532 181 30 301 86 209 6	543 384 149 4 6 186 30 149 -7	279 211 64 4 15 9 6 	-
8EDROOMS	65	21	44	_	499	74	_	21	163	208	33	_
None	643 5 933 13 308 5 638	202 3 801 11 721 5 369	441 2 132 1 587 269	 	3 650 6 871 3 633 928	193 1 288 1 302 563	775 3 496 1 636 222	1 214 1 122 468 55	928 696 161 68	363 128 66 20	177 141 —	-
YEAR STRUCTURE BUILT		20			87	29	20		11	27	_	
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1959 1939 or earlier	88 815 1 359 5 804 2 310 15 004	88 796 1 355 5 706 2 234 11 202	19 4 98 76 3 802	-	271 198 1 167 1 758 12 168	51 95 582 645 2 051	8 40 129 187 5 706	105 25 40 296 2 578	11 292 556 1 164	18 23 124 47 490	84 4 - 27 179	-
INCOME IN 1969					0.074	(00	000	741	540	312	45	
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$6,999 \$7,000 to \$9,999 \$110,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	2 187 1 328 1 177 1 010 1 241 1 561 6 177 6 938 3 000 761 \$9 000	1 583 908 873 758 1 039 1 256 5 271 6 238 2 733 722 \$9 400	604 420 304 252 202 305 906 700 267 39 \$6 700		3 076 1 270 1 297 1 089 1 359 1 415 3 379 2 161 543 60 \$5 800	422 202 261 210 281 282 934 626 213 22 \$7	993 380 471 445 560 600 1 489 976 164 12 \$6 300	741 293 295 241 306 267 484 332 75 10 \$4 800	563 279 205 151 134 191 326 136 54 - \$3 900	97 44 22 48 55 97 27 22 5 \$2 500	19 21 20 30 20 49 64 15 11 \$6 600	1111111111
YEAR MOVED INTO UNIT							1 014	1 110	772	319	102	
1969 to March 1970	1 501 1 239 1 230 2 245 3 980 7 457 7 725	1 231 1 150 1 075 1 978 3 522 6 777 5 733	270 89 155 267 458 680 1 992	1.	5 238 2 273 1 531 1 896 2 454 1 470 784	1 021 534 324 434 631 331 169	1 914 948 635 697 840 598 415	1 110 427 230 372 531 287 115	224 213 266 320 200 61	120 37 91 101 54 8	20 92 36 31 16	-
GROSS RENT					15 627	3 431	6 090	3 044	2 039	729	294	_
Spacified renter occupied* Less thon \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$80 to \$79 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$279 \$300 or more Ha cash rent					1 351 943 1 615 2 081 3 731 2 493 1 743 824 263 17 566 \$88	282 89 214 358 670 517 537 368 133 7 256 \$99	127 302 598 807 1 956 1 207 626 199 40 228 \$91	324 269 524 513 665 376 185 139 10 - 39 \$78	484 204 194 293 281 273 226 45 12 - 27 \$74	134 64 48 86 118 92 117 48 11 -	15 37 24 41 28 52 25 57 10 5 \$120	11111111111
HEATING EQUIPMENT						.	0.67	497	853	355	145	_
Steom or hot water	1 652 22 726 93 92 817	1 315 19 489 79 68 430	337 3 237 14 24 387		2 381 10 047 147 110 2 952 12	274 2 549 36 16 578	257 4 338 36 35 1 412 12	1 799 29 42 677	946 19 17 204	292 27 - 55	123 - 26 -	-
AIR CONDITIONING								350	37	64	7	_
Room unit(s) Central system Hone	2 525 442 22 410	2 117 410 18 939	408 32 3 471	-	993 211 14 442	234 66 3 144	519 9 5 519	132 42 2 898	2 013	9 657	79 211	-
AUTOMOBILES AVAILABLE 1	13 978 7 054 1 250 3 095	11 757 6 360 1 160 2 189	2 221 694 90 906	111	8 662 1 791 254 4 939	2 056 519 138 731	3 616 737 83 1 611	1 568 348 12 1 144	986 95 14 961	286 44 7 3 9 3	150 48 - 99	-

Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

		, 40-11-11-11				ore-person ho		, meaning or	symbols, see to	VA.1	One-person h	10useholds
Erie			Aale head, wif	e present, no	nonrelatives		Other ma	le head	Female	head		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	25 380	392	2 582	3 733	9 112	2 929	824	310	1 284	907	1 307	2 000
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 1.50 or less 0.50 or less 0.51 to 1.00 1.01 to 1.00 1.01 to 1.50	25 292 14 058 9 907 1 177 150 88 64 21 3	392 172 216 4 	2 582 532 1 819 207 24	3 725 431 2 713 516 65 8 5	9 086 4 771 3 901 374 40 26 11	2 929 2 559 370 - - - - -	824 501 293 18 12 	299 257 42 - - 11 5 6 -	1 284 791 440 44 9 - -	907 785 108 14 - - -	1 292 1 287 5 - 15 15	1 972 1 972
1.51 or more	-	_	-	-	-	-	~	-	-	-	_	~
2 or more	2) 381 3 999 ~	323 69 -	2 268 314 -	3 525 208	8 036 1 076 -	2 367 562 -	653 171 ~	266 44 -	972 312 -	706 201 -	940 367	1 325 675
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$25,000 to \$24,999 \$25,000 or more Median	2 187 1 328 1 177 1 010 1 241 1 561 6 177 6 938 3 000 761 \$9 000	16 4 9 29 28 165 114 27 \$9 000	5 14 7 9 55 208 1 150 705 207 22 \$9 600	17 	87 101 140 225 386 482 2 374 3 161 1 732 424 \$11 200	237 496 458 291 229 250 401 311 171 85 \$4 900	12 5 17 47 68 34 233 239 155 14 \$9 900	61 34 31 20 37 27 37 25 33 5 \$5 \$5	127 64 93 115 124 103 381 225 42 10 \$7 100	182 81 101 40 70 86 183 99 58 7 \$5 700	243 144 166 136 157 163 170 96 21 11 \$4 700	1 216 373 160 86 22 29 72 37 -5 \$2000 -
VALUE-INCOME RATIO Specified owner occupied Less than 1.5 1.5 to 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more Not computed	4 063 2 134 1 200 1 113	320 131 72 51 19 18	2 268 1 010 760 310 123 52 8 5	3 487 2 060 813 374 137 73 27	7 866 4 948 1 502 725 301 198 182 10	2 331 602 293 306 248 344 527	645 382 111 77 28 26 21	261 103 32 15 23 23 59 6	963 342 212 110 94 47 144 14	695 230 86 44 71 43 201 20	918 196 122 60 86 145 273 36	1 302 36 40 62 70 144 905 45
Renter occupied housing units	15 649	1 590	2 629	1 050	1 789	677	585	85	2 112	246	2 894	1 992
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1,00 1.01 to 1,50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	5 791 809 133 814 318 469	1 583 546 985 41 11 7 - 4 - 3	2 602 668 1 692 211 31 27 - 27	1 045 148 656 217 24 5 -	1 754 799 838 94 23 35 5	663 525 133 5 - 14 4 10	551 261 260 24 6 34 10 18	85 55 30 	2 059 827 999 195 38 53 5 41	234 178 34 22 - 12 12	2 529 2 393 136 — 365 162 203	1 730 1 702 28 - 262 120 142
UNITS IN STRUCTURE 1 2 to 4 5 to 19 20 or more Mobile home or trailer	3 453 9 134 2 768 294	270 1 148 156 16	694 1 693 222 20	395 541 105 9	668 985 116 20	172 384 109 12	131 345 103 6	26 38 21	483 1 227 385 17	34 185 27 - -	368 1 501 920 105	212 1 087 604 89
GROSS RENT Spacified renter occupied? Less than \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more No cash rent	1 351 943 1 615 2 081 3 731 2 493 1 743 824	1 585 53 25 143 240 402 372 267 62 5	2 629 73 52 184 268 704 608 386 260 53	1 050 31 48 101 128 259 213 141 53 24 - 52	1 785 58 59 161 257 503 305 161 107 60 12	468 44 51 32 107 137 112 70 47 17	585 15 27 37 50 172 43 134 61 15	85 12 	2 112 200 129 172 319 542 328 282 71 26 -	246 16 38 9 30 63 17 36 5 7	2 894 400 290 462 439 614 298 183 94 37 -77	1 988 449 224 284 238 315 192 83 59 19 5
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME Specified renter occupied? Less thon \$5,000 Less thon \$20 percent 20 to 24 percent 25 to 34 percent or more Not computed \$5,000 to \$9,999 Less than 20 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed \$10,000 to \$14,999 Less than 20 percent 20 to 24 percent 20 to 24 percent 20 to 25 percent 20 to 26 percent 20 to 27 percent 20 to 27 percent 20 to 28 percent 20 to 29 percent 20 to 29 percent 20 to 24 percent 25 percent or more Not computed \$15,000 or more Less than 20 percent 20 to 24 percent 20 to 24 percent 25 percent or more Not computed \$25 percent or more Not computed \$25 percent or more Not computed	15 627 6 728 665 724 1 302 3 333 704 6 148 4 357 963 561 83 184 2 157 2 032 62 14 49 555	1 585 345 17 67 104 143 14 952 670 203 74 5 - 264 2258 - 6 6 224 24	2 629 203 38 25 60 76 4 1 498 1 119 202 141 6 30 735 711 24 - - 193 186	1 050 136 144 377 30 41 14 558 408 474 45 7 24 227 17 24 88 88	1 785 271 40 45 67 91 28 893 683 105 37 23 45 496 6 5 19 125 107	668 422 46 48 123 162 43 161 56 41 36 18 55 49 6 6	585 239 5 37 31 125 41 267 163 72 20 	85 58 16 - 9 19 14 27 22 5 - - - - - -	2 112 1 369 150 168 221 670 160 602 351 145 74 13 19 9 9 9 9	246 141 5 16 44 61 15 87 48 12 17 10 14 14 14	2 894 1 703 237 208 332 739 187 982 777 90 89 - 26 135 126 - 74 74	1 988 1 841 73 73 231 1 206 184 121 60 14 28 19 21 21

Limited to one-family hames on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

	[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) ar			nedian, etc.) and	meaning of sym	bols, see text]				
<u>Erie</u>	Total	l person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	25 380	3 307	7 547	4 318	3 965	2 781	1 733	1 015	714	2.9
BEDROOMS None and 1	708 5 933 13 308 5 638	279 1 182 1 269 541	307 2 886 3 297 1 089	73 1 057 2 659 774	28 535 2 734 730	141 1 819 781	21 93 1 010 724	- 39 395 459	125 540	1.7 2.1 3.3 4.1
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1950 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	88 815 1 359 5 804 2 310 15 004	4 17 79 469 313 2 425	22 198 321 1 553 740 4 713	14 126 250 1 049 378 2 501	28 222 258 1 182 404 1 871	8 144 183 779 244 1 423	61 156 458 163 895	12 42 81 215 59 606	5 31 99 9	3.8 3.6 3.3 2.8 2.6
UNITS IN STRUCTURE 1 2 or more Mobile home or trailer	21 381 3 999 -	2 265 1 042	6 122 1 425	3 575 743 -	3 550 415	2 610 171 -	1 615 118 -	957 58 -	687 27 -	3.1 2.2 -
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more None or also used by another household	23 206 1 667 201 303	3 074 124 30 79	7 025 392 42 119	3 935 259 37 33	3 659 278 24 20	2 577 212 18 7	1 407 211 16 41	951 77 16 4	578 114 18 -	2.9 3.7 3.3 2.1
HOUSEHOLD COMPOSITION Twa-er-more-person households Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Female head Under 65 years 65 years and over 65 years and over	22 073 18 748 392 2 582 3 733 9 112 2 929 1 134 824 310 2 191 1 284 907 3 307	3 307	7 547 5 743 86 2000 153 3 080 2 224 591 3388 233 1 213 596 617	4 318 3 655 164 399 316 2 296 480 200 159 41 463 269 194	3 965 3 574 112 826 6 779 1 700 157 146 130 16 245 198 47	2 781 2 518 2 1 582: 966 914 35 124 109 15 139 115	1 733 1 622 5 309 741 540 27 43 38 5 68 58	1 015 969 4 168 423 368 6 10 10 10 - 36 30 6	714 667 - 98 355 214 - 20 20 20 - 27 18	3.3 3.5 3.2 4.3 5.1 3.1 2.2 2.5 2.8 2.2 2.4 2.7 2.2 1.0
VALUE-INCOME RATIO Specified owner occupied' Less thon 1.5. 1.5 to 1.9. 2.0 to 2.4. 2.5 to 2.9. 3.0 to 3.9. 4.0 or more Not computed	10 040 4 063 2 134 1 200 1 113	2 220 232 162 122 156 289 1 178 81	518	3 491 2 042 755 301 184 102 102	3 514 1 939 915 351 140 118 51	2 573 1 490 577 330 100 26 47 3	1 615 1 011 347 140 43 55 19	930 632 155 97 17 5 19 5	687 532 97 36 5 - 17	3.2 3.8 3.6 3.1 2.3 2.0 1.5
Renter occupied housing units	15 649	4 886	4 085	2 555	1 926	1 083	628	266	220	2.2
BEDROOMS None	. 6 871	479 2 395 1 809 299		132 1 347 855	_ 151 997 793	19 363 749	34 168 418	- 30 278	225	1.0 1.3 2.3 3.7
YEAR STRUCTURE BUILT 1969 to March 1970	. 271	318 528	264 321	26 218 251	17 34 18 154 243 1 460	14 9 105 159 796	- - 7 60 154 407	- - - 33 50 183	- 6 15 52 147	2.3 1.9 2.5 2.6 2.2
UNITS IN STRUCTURE 1 2 3 and 4 5 to 9 10 to 19 20 or more Mobile hame or trailer	6 090 3 044 2 039 729 294	1 254 982 542	1 831 808 480 105	1 237 449 201 46	622 888 278 112 22 4	381 425 165 104 8 -	261 226 31 110 - - -	107 80 38 35 6 -	115 69 21 15 - -	3.1 2.4 1.8 1.6 1.2 1.3
COMPLETE BATHROOMS 1 and 1 1/2 2 ar more None or also used by another household	. 232	50	75	29	1 865 18 33	1 010 17 21	637 8 13	248 - -	201 35 -	2.3 2.4 1.2
HOUSEHOLD COMPOSITION Two-or-more-person households Mole head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Female head Under 65 years 65 years and over Goe-person households	10 763 7 735 1 590 2 629 1 050 1 789 677 670 585 85 2 358 2 112		4 085 2 736 670 595 133 768 580 343 274 69 1 006 805 201	1 877 586 713 128 386 64 166 150 16 512	80 80 330 325	12 38 38 - 262 253	628 472 23 192 155 90 12 29 29 27 113 114	266 180 12 60 71 32 5 14 14 - 72 72 - 	220 171 5 32 84 50 - - - 49 46 3	3.0 3.1 2.7 3.5 4.6 2.8 2.1 2.5 2.6 2.8 3.0 2.1
GROSS RENT AS PERCENTAGE OF INCOMI Specified renter occupied? Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	15 627 1 735 3 281 2 593 1 749 1 872 3 421	282 607 508 394 730 1 964	487 906 3 700 4 519 514 721	351 655 525 346 232 302	176	163 253 237 123 91 153	179 55 50	266 42 60 50 34 35 30	216 32 55 53 18 44 7	2.2 2.8 2.7 2.7 2.4 1.9 1.4

*Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

									_
Erie	Total	Less than 2 months	2 up to 6 months	6 months or more	Erie	Total	Less than 2 months	2 up to 6 months	ó months ar more
Vacant for sale	172	35	65	72	Vacant for rent	861	491	234	136
ROOMS	1		ĺ		ROOMS	ĺ	ļ		1
1 to 3 rooms	21 35 54 62	- 19 16	- 9 16 20 20	12 19 15 26	1 room	50 45 150 155 278	45 40 97 99 135	5 33 24 108	5 20 32 35 27
PLUMBING FACILITIES		į]	7 raoms or more	114 69	44 31	43 21	27 17
With all plumbing facilities Lacking some or all plumbing facilities	168 4	35	65 -	68 4	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilitiesLacking some or all plumbing facilities	781 80	423 68	225 9	133
None and 1	89 37 89	36	70 18 17	19 19 36	BEDROOMS	75	75	_	
YEAR STRUCTURE BUILT		ľ	Ì	ł	1	314 296	220 165	60 101	34 30
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	5 4 20 143	3 6 26	2 - - 63	 4 14 54	3 or more YEAR STRUCTURE BUILT	154	36	93	25
UNITS IN STRUCTURE		Ì		ĺ	1969 to March 1970 1960 to 1968	16 3	11 3	-	5
1 2 or more	138 34	35	46 19	57 15	1950 to 1959 1949 or earlier	61 781	53 424	226	131
HEATING EQUIPMENT				j	UNITS IN STRUCTURE				1
Steam or hot water	150	35 - - - -	4 61 - - -	3 54 - 15	1	156 459 166 70 10	54 271 101 55 10	55 142 32 5	47 46 33 10 -
SALES PRICE ASKED					RENT ASKED				
\$pecified vucant for sole* Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$14,999 \$20,000 to \$24,999 \$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$50,000 or more Median price osked	10 20 60 13 16 8	-	46 - 14 15 6 6 5 -	57 10 6 26 4 4 - 7	Specified vacant for rent? Less than \$50 \$50 to \$59 \$60 to \$79 \$80 to \$97 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 or more. Median rent asked	861 146 155 275 123 61 48 38 15 \$69	491 87 55 170 68 44 34 24 9 \$72	234 23 77 61 35 13 14 5 6	136 36 23 44 20 4 9 \$64

*Limited to one-family homes on less than 10 acres and no business on property. ** *Excludes one-family homes on 10 acres or more.

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

	Sales price asked Vocant for sale							Rent asked — Vacant for rent ²						
Erie	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	138	30	60	13	16	8	11	861	301	275	123	109	38	15
PLUMBING FACILITIES														
With all plumbing facilities Lacking some or all plumbing facilities	163	9 1	72 -	-	-	-	- -	752 87	219 50	202 12	126 12	121 13	71 -	13
BEDROOMS														
None and 1	37 37 37 89	37 19 35	- 18 54	- - -	- - -	- - -	- - -	389 296 130 24	119 97 53	81 108 13 12	96 42 - -	68 36 18 12	25 - 46 -	13
YEAR STRUCTURE BUILT	1													1
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	5 4 20 109	~ ~ 30	- 3 57	2 4 3 4	3 - 4 9	- - 3 5	- - 7 4	16 3 61 781	- 8 293	5 - 12 258	- - 123	- 33 76	8 - 5 25	3 3 6
UNITS IN STRUCTURE														
1			•••	•••		•••		156 459 236 10	63 137 101	48 174 53	24 55 37 7	74 35 —	9 19 10	12
INCLUSION OF UTILITIES IN RENT														
All utilities included Some or no utilities included								298 563	100 201	84 191	54 69	42 67	15 23	3 12

Limited to one-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more.

Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE	App-1
COUNTIES	App-1
PLACES	App-1
STANDARD METROPOLITAN STATISTICAL AREAS	Арр-1

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin, Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries, Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, Standard Metropolitan Statistical Areas: 1967, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States. a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50.000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city. and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

	GENERAL	App-2
	Self-enumeration and census	
	questionnaire	App-2
	Comparability with 1960 data	App-2
	LIVING QUARTERS	App-3
		App-3
	Housing units	App-3
	Group quarters	Whh.2
	Rules for mobile homes, hotels,	A 2
	rooming houses, etc.	App-3
	Institutions	App-4
	OCCUPANCY AND VACANCY	
	CHARACTERISTICS	App-4
	Occupied housing units	App-4
	Race	App-4
	Spanish heritage	App-4
	Tenure	App-4
	Year moved into unit	App-4
	Vacant housing units	App-4
ľ	Vacancy status	App-5
l	Duration of vacancy	App-5
l		
l	UTILIZATION	
۱	CHARACTERISTICS	App-5
۱	Persons	App-5
۱	Rooms	App-5
١	Persons per room	App-5
l	Bedrooms	App-5
I		
i	STRUCTURAL AND PLUMBING	
ı	CHARACTERISTICS	App-5
ı	Direct access	App-5
I	Complete kitchen facilities	App-5
ļ	Year structure built	App-6
ļ	Units in structure	App-6
1	Elevator in structure	App-6
	Plumbing facilities	App-6
	Complete bathrooms	App-6
	Complete Battinoonis	~pp-σ
	COURMENT CHELO AND	
	EQUIPMENT, FUELS, AND APPLIANCES	App-6
İ	Heating equipment	• •
	Air conditioning	App-6
	Automobiles available	App-7
l	Automatic clothes washing	App-7
I	machine	App.7
l	Clothes dryer	App.7
١	Dishwasher	
ı	Home food freezer	App.7
ı	Owned second home	App-7
I	CALLER SECOND HOURS	App-7
l		
ı	FINANCIAL	
l	CHARACTERISTICS	App-7
l	Value	App-7
ı	Sales price asked	App-7

Gross rent	App-8
Rent asked	App-8
Value-income ratio	App-8
Gross rent as percentage of	
income	8-qqA
HOUSEHOLD	
CHARACTERISTICS	App-8
Head of household	App-8
Household composition	App-8
Nonrelative	App-9
Family or primary individual	App-9
Income in 1969	App-9
	App-5
FACSIMILES	App-10
Housing Pages in the 1970	
Census Questionnaires	App-10
Respondent Instructions for the	
Housing Questions in the 1970	A 12
Census	App-13

GENERAL

Self-enumeration and census questionnaire.-As stated in the introductory text of this report, the 1970 census was conducted primarily through selfenumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Comparability with 1960 data.-Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechancial refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960, household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

Housing units.-A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied housing units.—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent—for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.— Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States — Arizona, California, Colorado, New Mexico, and Texas — household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, households heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

Year moved into unit.—Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year. Included are units intended for recreational use. such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season, "Yearround" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered yearround. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant yearround units "for rent" also include vacant units offered either for rent or for sale. Duration of vacancy.-(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers, utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

Persons per room.—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

Bedrooms, - (See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing

only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete hathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which airconditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent. - (See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency. or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude onefamily houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

Gross rent as percentage of income.-The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no nonrelatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes, households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Family or primary individual.— Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals: net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed: tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

A Street was the second and second and second and	MO. Are your living quarters	FOR CENSUS
A. How many living quarters, occupied and vacant, are	H9. Are your living quarters—	ENUMERATOR'S USE
at this address?	Owned or being bought by you or by someone else	ONLY
O One	in this household? Do <u>not</u> include cooperatives and	a4. Block a5. Serial
2 apartments or living quarters	condominiums bere.	
O 3 apartments or living quarters	A cooperative or condominium which is owned or being	number number
O 4 apartments or living quarters	bought by you or by someone else in this household?	N I
O 5 apartments or living quarters	Rented for cash rent?	N \$000\$000\$
·	O Occupied without payment of cash rent?	N 100010001
6 apartments or living quarters	Occupied without payment of order terms	200020002
O 7 apartments or living quarters		300030003
 8 apartments or living quarters 	H1Qa. Is this building a one-family house?	400040004
 9 apartments or living quarters 		1 400040004
 10 or more apartments or living quarters 	O Yes, a one-family house	
O This is a mobile home or trailer	No. a building for 2 or more families	T
men Will -	or a mobile home or trailer	500050005
• 🖪		N 600060006
	$\underline{\mathbf{b}}_{i}$ If " $Y_{\ell i}$ "— is this house on a place of 10 acres or more,	N 700070007
Answer these questions for your living quarters	or is any part of this property used as a commercial	$N_{800080008}$
	establishment or medical office?	N 900090009
H1. Is there a telephone on which people in your living	O Yes, 10 acres or more	N
quarters can be called?		
•	O Yes, commercial establishment or medical office	N
O Yes What is	O No, none of the above	B. Type of unit or quarters
O No the number?	.	Occupied
Phone number		<u>Occupied</u>
	H11. If you live in a one-family house which	O First form
H2. Do you enter your living quarters—	you own or are buying-	O Continuation
O Directly from the outside or through	What is the value of this property; that is, how much	N
	do you think this property (house and lot) would sell for	Vacant
a common or public hall?	if it were for sale?	O Regular
O Through someone else's living quarters?	1	O Usual residence
	C 2000 Main 40,000	elsewhere
	- to cont as	N m eizemileie
H3. Do you have complete kitchen facilities?	\$7,500 to \$9,999 of 10 mres or if	Group quarters
Complete kitchen facilities are a sink with piped		\ \
water, a range or cook stove, and a refrigerator.	O \$10,000 to \$12,499 any part of	O First form
O Yes, for this household only	O \$12,500 to \$14,999 this property	Continuation
O Yes, but also used by another household	5 \$15,000 to \$17,1000	
The state of the s	O \$17,500 to \$19,999 commercial establishment	For a vacant unit, also fill
No complete kitchen facilities for this household	0 \$20,000 to \$24,999 or medical	C, D, A, H2 to H8, and
	0 805 000 to \$24 000 office do	H10 to H12
H4. How many rooms do you have in your living quarters?	· • • • • • • • • • • • • • • • • • • •	IN
Do not count bathrooms, porches, balconies, foyers,	3 430,500 to 4 15,500	IN
halls, or half-rooms.	O \$50,000 or more this question.	'N
O 1 room O 6 rooms		Ν
O 2 rooms O 7 rooms		C. Vacancy status
O 3 rooms O 8 rooms	H12. Answer this question if you pay rent for your living quarters.	
	a. If rent is paid by the month—	Year round-
O 4 rooms O 9 rooms or more	What is the monthly rent?	O For rent
○ 5 rooms		O For sale only
		O Rented or sold, not
H5. Is there hot and cold piped water in this building?	Write amount here00 (Nearest dollar)	occupied
O Yes, hot and cold piped water in this building		O Held for occasional us
	and ○ Less than \$30	O Other vacant
No, only cold piped water in this building		N
O No piped water in this building	Pill one circle 0 \$30 to \$39	N o Forest
	O \$40 to \$49	O Seasonal
IM B b S. b	~ < ○ \$50 to \$59	O Migratory
H6. Do you have a flush toilet?	0 *50 to *50	N m
O Yes, for this household only	O \$60 to \$69	N -
O Yes, but also used by another household	O \$70 to \$79	N
O No flush toilet	○ \$80 to \$89	D. Months vacant
	○ \$90 to \$99	O Less than I month
	O 8100 to 8110	O 1 up to 2 months
	O \$100 to \$119	2 up to 6 months
H7. Do you have a bathtub or shower?	O \$120 to \$149	NI '
O Yes, for this household only	O \$150 to \$199	O 6 up to 12 months
O Yes, but also used by another household	○ \$200 to \$249	O 1 year up to 2 years
· ·	○ \$250 to \$299	O 2 years or more
O No bathtub or shower	O \$300 or more	N
	, , , , , , , , , , , , , , , , , , ,	_Nc/0 o o
H8. Is there a basement in this building?	b. If rent is not paid by the month-	Ν
O Yes	What is the rent, and what period of time does it cover?	Ν
O No, built on a concrete slab		И
		Ŋ
O No, built in another way (include mobile homes	\$.00 per	N
and trailers)	(Nearest dollar) (Week, half-month, year, etc	5N

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

	Clina de la constante de la co	T	
	In addition to the rent entered in H12, do you also pay for—	O A public system (city water department, etc.)	
3		or private company?	
}	a. Electricity? O Yes, average monthly cost is	O An individual well?	
	O Yes, average monthly cost is	O Some other source (a spring, creek, river, cistern, etc.)?	11
	No, electricity not used		
1	b. Gas?	H20. Is this building connected to a public sewer?	
	O Yes, average monthly cost is \$.00	Yes, connected to public sewer No, connected to septic tank or cesspool	11
İ	O No, included in rent Average monthly cost	O No, use other means	11
	O No, gas not used		
j	c. Water?	H21. How many bathrooms do you have?	
ł	O Yes, yearly cost is .00	A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.	11
ļ	O No, included in rent or no charge Yearly cost		11
ł	d. Oil, coal, kerosene, wood, etc.?	A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom.	11
1	O Yes, yearly cost is .00	No bathroom, or only a half bathroom	11
1	O No, included in rent Yearly cost		15
	O No, these fuels not used	O 1 complete bathroom O 1 complete bathroom, plus half bath(s)	percent
]	H14. How are your living quarters heated?	1 complete bathroom, plus half bath(s)	porcont
j	Fill one circle for the kind of heat you use most.	O 2 complete bathrooms	
	O Steam or hot water system	C 2 complete bathrooms, plus half bath(s)	
}	Central warm air furnace with ducts to the individual rooms, or central heat pump	○ 3 or more complete bathrooms	- 11
j	O Built in electric units (permanently installed in wall, ceiling,		
1	or haseboard)	H22. Do you have air-conditioning?	
15 1 -	O Floor, wall, or pipeless furnace	O Yes, 1 individual room unit	} }
15 and 5	O Room heaters with flue or vent, burning gas, oil, or kerosene	C Yes, 2 or more individual room units	i I
percent	O Room heaters without flue or vent, burning gas, oil, or	○ Yes, a central air-conditioning system	
1	kerosene (not portable)	(→ No	11
Ì	O Fireplaces, stoves, or portable room heaters of any kind	H23. How many passenger automobiles are owned or regularly used	
j	In some other way- Describe	by members of your household?	
ł	None, unit has no heating equipment	Count company cars kept at home.	11
j		C None ○ 1 automobile	11
1	H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted.	O 2 automobiles	11
i	O 1969 or 1970 O 1950 to 1959	3 automobiles or more	[]
1	O 1965 to 1968 O 1940 to 1949		/
	O 1960 to 1964 O 1939 or earlier		
	H16. Which best describes this building?		
	Include all apariments, flats, etc., even if vacant.		
	O A one-family house detached from any other house		
	O A one-family house attached to one or more houses O A building for 2 families		
1	A building for 3 or 4 families		<u>.</u>
	A building for 5 to 9 families		1
1	O A building for 10 to 19 families		1
1	O A building for 20 to 49 families O A building for 50 or more families		
1			İ
j	O A mobile home or trailer		}
	Other Describe		1
ł	H17. Is this building—		}
ł	On a city or suburban lot?— Skip to H19		}
	On a place of less than 10 acres?		1
}	On a place of 10 acres or more?		1
	H18. Last year, 1969, did sales of crops, livestock, and other farm products		
	from this place amount to-		1
ſ	O Less than \$50 (or None) \$2,500 to \$4,999		1
1	○ \$50 to \$249		

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for— a. Electricity? O Yes, average monthly cost is No, included in rent No, electricity not used	H24a. How many stories (floors) are in this building? 1 to 3 stories 4 to 6 stories 7 to 12 stories 13 stories or more b. If 4 or more stories— Is there a passenger elevator in this building?
b. Gas? O Yes, average monthly cost is \$.00 No, included in rent Average monthly cost	○ Yes ○ No H25a. Which fuel is used most for cooking?
C. Water? Yes, yearly cost is No, included in rent or no charge Yearly cost	From underground pipes Gas serving the neighborhood.
d. Oil, coal, kerosene, wood, etc.? O Yes, yearly cost is No, included in rent No, these fuels not used	b. Which fuel is used most for house heating? From underground pipes Gas serving the neighborhood. O Coal or coke O
H14. How are your living quarters heated? Fill one circle for the kind of heat you use most.	Bottled, tank, or LP
Steam or hot water system Central warm air furnace with ducts to the individual rooms, or central heat pump Built-in electric units (permanently installed in wall, ceiling, or baseboard)	c. Which fuel is used most for water heating? From underground pipes Gas Serving the neighborhood. O Coal or coke O Bottled, tank, or LP O Wood O Electricity O Other fuel. O
 Floor, wall, or pipeless furnace Room heaters with flue or vent, burning gas, oil, or kerosene Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) Fireplaces, stoves, or portable room heaters of any kind 	Fuel oil, kerosene, etc
In some other way—Describe———	1 bedroom 2 bedrooms 5 bedrooms or more
None, unit has no heating equipment H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. 1969 or 1970 1965 to 1968 1940 to 1949 1960 to 1964 1939 or earlier	H27a. Do you have a clothes washing machine? Yes, automatic or semi-automatic Yes, wringer or separate spinner No b. Do you have a clothes dryer?
H16. Which best describes this building? Include all apartments, flats, etc., even if vacant. A one-family house detached from any other house	Yes, electrically heated Yes, gas heated No c. Do you have a dishwasher (built-in or portable)?
A one-family house attached to one or more houses A building for 2 families A building for 3 or 4 families A building for 5 to 9 families	O Yes ○ No d. Do you have a home food freezer which is separate from your refrigerator? ○ Yes ○ No
A building for 1C to 19 families A building for 20 to 49 families A building for 50 or more families A mobile home or trailer	H28a. Do you have a television set? Count only sets in working order. C Yes, one set Yes, two or more sets No
Other— Describe H17. 1s this building—	b. If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?
On a city or suburban lot?— Skip to H24 On a place of less than 10 acres? On a place of 10 acres or more?	Yes No H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.
H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to— Less than \$50 (or None) \$2,500 to \$4,999	Yes, one or more No No H30. Do you (or any member of your household) own a second home or other
\$50 to \$249 \$5,000 to \$9,999 \$250 to \$2,499 \$10,000 or more	living quarters which you occupy sometime during the year? O Yes O No

App-12

APPENDIX B-Continued

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark Yes and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do not have to be in the same room.

Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.

- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark hot water even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of Also used by another household.
- H8. A house has a basement if there is enclosed space in which persons can walk upright under all or part of the building. A house on a concrete slab has no basement and no air or crawl space below it. A house built in another way is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. Owned or being bought means that the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H10. A commercial establishment is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark Yes, 10 acres or more.
- K11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
 - If you pay rent by the month, write in the amount of rent and fill one circle.
 - If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- N13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({ }) the two utilities.

H14. This question refers to the type of heating equipment and not to the fuel used.

A heat pump is sometimes known as a reverse cycle system.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater—not a built-in electric unit.

H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. Attached means that the house is joined to another house or building by at least one wall which goes from ground to roof.

H17. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a public system. If a well provides water for five or fewer houses or apartments, mark an individual well.
- H20. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an individual room unit for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a central system for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.
 - b. Do not count elevators used only for freight.
- H25. Gas from underground pipes is piped in from a central system such as a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the Yes circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set equipped to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

SOURCES OF ERROR	App-14
EDITING OF UNACCEPTABLE DATA	App-14
SAMPLE DESIGN	App-14
RATIO ESTIMATION	App-15
SAMPLING VARIABILITY	App-16

SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renteroccupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for nonresponses and inconsistencies is given for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5percent sample by designating every fourth 20-percent sample unit as a

member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate percent
OCCUPANCY CHARACTERISTICS		EQUIPMENT AND APPLIANCES	
Occupied housing units		Heating equipment	. 20
Tenure		Air conditioning	
Race		Automobiles available	
Spanish heritage		Second home	
Year moved into unit		Clothes washing machine	
	. 10	Clothes dryer	
VACANCY CHARACTERISTICS		Dishwasher	
Vacant for sale	. 20	Home food freezer	. 5
Vacant for rent			
Duration of vacancy		FINANCIAL CHARACTERISTICS	
a didition of vacantay	. 20	Value	. 20
UTILIZATION CHARACTERISTIC	_	Sales price asked	
Number of rooms		Gross rent	
Size of household (persons)		Rent asked	. 20
Persons per room		Inclusion of utilities	
Bedrooms		in rent	. 20
Dai 001113]	Value-income ratio	. 20
PLUMPING CHARACTERISTICS		Gross rent as percentage	
PLUMBING CHARACTERISTICS		of income	. 20
Plumbing facilities	20 15		
Complete bathrooms	. 15	HOUSEHOLD CHARACTERISTICS	
STRUCTURAL CHARACTER		Household composition	20
STRUCTURAL CHARACTERISTIC	s	Income	
Complete kitchen		•	
facilities			
Access			
Units in structure			
Year structure built			
Elevator in structure			

dures were not properly followed, some enumerators' assignments were returned to the field for resampling, Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

STAGE I

	Male	Head ren Undo	,,,,,,,	Own
1	•	erson ho		
2	•	erson ho		
3	3-p	erson ho	usehold	
•	•			
•	•			
6		r-more-p old	erson hou	ıse-
	Male	Head	Without	Own
	Child	iren Und	ler 18	
7-12	1-p	erson to	6-or-mor	e-
	pe	erson ho	useholds	
	Femal	e Head		
13-18	1-p	erson to	6-or-mor	e-
	pe	erson ho	useholds	
	9	STAGE	I	
	Owne	r Occupi	ed	
19	Ne	gro		
20	No	t Negro		
	Rente	r Occupi	ied	
21	Ne	gro		
22	No	t Negro		

Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, consistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than 21/2 times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce: estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

- For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
- 2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

- through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.
- For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated N/2). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to N/2. Subtract this standard error from N/2. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between N/2 and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to N/2, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of N/2 and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

	Number of housing units in area ²							
Estimated number ¹	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000	
50	15	15	15	15	15	15	15	
100	20	20	20	20	20	20	20	
250	30	30	30	30	30	30	30	
500	45	45	45	45	45	45	45	
1,000	60	60	65	65	65	65	65	
2,500	90	95	100	100	100	100	100	
5,000	100	130	140	140	140	140	140	
10,000	·	150	190	200	200	200	200	
15,000		150	230	240	240	240	240	
25,000			270	300	310	310	320	
50,000			320	400	440	440	440	
75,000			270	450	520	540	540	
100,000			•••	490	600	620	630	

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated				Base of percentag	ge		
percentage	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1
10 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50	4.5	3.2	2.0	1.0	0.6	0.3	0.2

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor	r if sample i	rate is—	Obtoviosia 1	Factor	Factor if sample rate is-		
Characteristic -	20 percent	15 percent	5 percent	Characteristic ¹	20 percent	15 percent	5 percent	
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES				
Year moved into unit]	1.1		Heating equipment	0.8	0.9		
Duration of vacancy	8.0		1.7	Air conditioning		1.1		
	'	1 '	'	Automobiles available		1.0		
UTILIZATION CHARACTERISTICS	'	1 '	1 '	Appliances			1.9	
Rooms	1.0	1.1	2.1	1	1	1	1	
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS	1	1 1	1	
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1	
Bedrooms			2.1	Value-income ratio	1.0	1.2		
	'	1	'	Gross rent	0.9	1.1	2.1	
PLUMBING CHARACTERISTICS		1	1	Gross rent as percentage of income	1.0	1.2		
Complete bathrooms	 	1.1	. .	Sales price asked	1.1		2.5	
Plumbing facilities	1.0			Rent asked	1.1		2.5	
STRUCTURAL CHARACTERISTICS		1		HOUSEHOLD CHARACTERISTICS			ı	
Units in structure	0.8	0.9	1.7	Household composition	0.6	0.7	***	
Year structure built	0.9	1.0		Income in 1969	1.0	1.2	2.3	
		1	1 "	ALL OTHERS	1.0	1.2	2.2	

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

Housing Census Reports

Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

Series HC(1)-A. GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

Series HC(1)-B. DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

Volume III. BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

Volume IV.

COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Crosstabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

Population Census Reports

Volume I. CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"... number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order. and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book. will contain four chapters designated as A. B. C. and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

Series PC(1)-A. NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

■ Series PC(1)-B. GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, country subdivisions, and places of 1,000 inhabitants or more.

Series PC(1)-C. GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

Series PC(1)-D.

DETAILED CHARACTERISTICS

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and cross-classified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume II. SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural proverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

Series PHC(E).

EVALUATION REPORTS

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

PROCEDURAL REPORTS

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

Computer Summary Tapes

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available-subject to suppression of certdin detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count-source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

Fourth Count—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

Sixth Count-source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confi-dentiality. There are six files, each con-taining a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

U.S. DEPARTMENT OF COMMERCE Social and Economic Statistics Administration BUREAU OF THE CENSUS Washington, D.C. 20233

POSTAGE AND FEES PAID U.S. DEPARTMENT OF COMMERCE 202



OFFICIAL BUSINESS

Table	
1, 11, 19	VALUE
2, 12, 20	GROSS RENT
3, 13, 21	INCOME IN 1969
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
5, 15, 23	ROOMS
6, 16, 24	UNITS IN STRUCTURE
7, 17, 25	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



HC(2)-66

Metropolitan Housing Characteristics

EUGENE, OREG. STANDARD METROPOLITAN STATISTICAL AREA



U.S. DEPARTMENT OF COMMERCE

Social and Economic Statistics Administration

> BUREAU OF THE CENSUS

U. S. DEPARTMENT OF COMMERCE

Peter G. Peterson, Secretary
James T. Lynn, Under Secretary
Harold C. Passer, Assistant Secretary for Economic Affairs
and Administrator,

Social and Economic Statistics Administration

BUREAU OF THE CENSUS

George Hay Brown, Director
Robert L. Hagan, Acting Deputy Director
Conrad Taeuber, Associate Director
Daniel B. Levine, Acting Deputy Associate Director
David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION Arthur F. Young, Chief

ACKNOWLEDGMENTS—Many persons participated in the various activities of the 1970 census. Primary direction of the program was performed by Conrad Taeuber, Associate Director for Demographic Fields, assisted by David L. Kaplan, 1970 Census Coordinator, and in conjunction with Paul R. Squires, Associate Director for Data Collection and Processing, and Joseph Waksberg, Acting Associate Director for Statistical Standards and Methodology.

This report was planned and written in the Housing Division under the supervision of Arthur F. Young, Chief, by Aaron Josowitz, Assistant Division Chief, Nathan Krevor, Chief, Coordination and Research Branch, and Paul F. Coe, assisted by Robert W. Bonnette, William Downs, and Edward D. Montfort,

The procedures for sample selection, sample weighting, and computation of sampling variances were developed in the Statistical Methods Division, under the supervision of Morton Boisen, Acting Chief, and Robert H. Hanson and Walter M. Perkins, Assistant Division Chiefs, assisted by William T. Alsbrooks, Peter A. Bounpane, Barbara A. Boyes, and Carlton W. Pruden.

Geographic plans and procedures were developed in the Geography Division under the supervision of William T. Fay, then Chief, and Robert C. Klove and Gerald J. Post, Assistant Division Chiefs.

Data collection activities were administered by the Field Division, Richard C. Burt,

Chief, and Dean H. Weber, Assistant Division Chief, with the assistance of the directors of the Bureau's data collection centers.

Systems and processing procedures were developed under the direction of Morris Gorinson, Assistant Chief, Demographic Census Staff. Florence Wright, assisted by Orville M. Slye and Erne Wilkins, was responsible for the clerical procedures and Roger O. Lepage, assisted by Howard N. Hamilton, William Norfolk, and Eleanor Banks, was responsible for the computer programming. Donald R. Dalzell was responsible for the computer programs used for the electronic preparation of the tables in this report.

The manual processing and microfilming of the questionnaires and the review of tabulation controls were performed in the Data Preparation Division (formerly Jeffersonville Census Operations Division), under the direction of Robert L. Hagan, then Chief, with the assistance of Rex L. Pullin. William L. Pangburn supervised the microfilming operation. Dan N. Harding, assisted by Nora H. Shouse, was responsible for the tabulation review work, in which Peter J. Fronczek also made important contributions.

FOSDIC and computer processing were performed in the Computer Services Division under the supervision of James R. Pepal, Chief, and E. Richard Bourdon and James W. Shores, Assistant Division Chiefs. Development of the FOSDIC equipment was directed by William M. Gaines, Assistant

Division Chief, and McRae Anderson. Development of the automatic microfilming equipment was directed by Anthony A. Berlinsky.

Publications planning, editing, composition, and printing procurement were performed in the Publications Services Division, under the direction of Raymond J. Koski, Acting Chief, by Milton S. Andersen, Gerald A. Mann, and Wayne H. Massey.

Important contributions were made by Robert B. Voight and Sherry L. Courtland in the planning and coordination of the 1970 census program; by Lucille D. Catterton in the planning of the tabular materials; and by John W. H. Spencer, Sol Dolleck, and M. Douglas Fahey in the systems design and operations for processing the census data.

SUGGESTED CITATION

U.S. Bureau of the Census
Census of Housing: 1970
METROPOLITAN HOUSING
CHARACTERISTICS
Final Report HC(2)-66 Eugene, Oreg. SMSA

U.S. Government Printing Office Washington, D.C. 1972

For sale by the Superintendent of Documents U.S. Government Printing Office Washington, D.C. 20402, or any Department of Commerce Field Office.

Price 55 cents

1970 (ENSUS OF HOUSING

Metropolitan Housing Characteristics

EUGENE, OREG.
STANDARD METROPOLITAN
STATISTICAL AREA

	For list of contents see page VIII
Table	
1, 11, 19	VALUE
2, 12, 20	GROSS RENT
3, 13, 21	INCOME IN 1969
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
5, 15, 23	ROOMS
6, 16, 24	UNITS IN STRUCTURE
7, 17, 2 5	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

LIST OF HC(2) REPORTS

Report number	A	Report number	Area	Report	Area
ing in por	Area		Wien		A104
1	United States and Regions	43	Chattanooga, TennGa. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
2	Abilene, Tex. SMSA	44	Chicago, III. SMSA	86	Greenville, S.C. SMSA
3	Akron, Ohio SMSA	45	Cincinnati, Ohio-KyInd. SMSA	87	Hamilton-Middletown, Ohio SMSA
4	Albany, Ga. SMSA	46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, PaN.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Altoona, Pa. SMSA	50	Columbus, GaAla. SMSA	92	Huntington-Ashland, W. VaKyOhio SMSA
9	Amarillo, Tex.SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-III. SMSA	97	Jacksonville, Fla. SMSA
14	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, III. SMSA	99	Johnstown, Pa. SMSA
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
17	Augusta, GaS.C. SMSA	59	Des Moines, Iowa SMSA	101	Kansas City, MoKans. SMSA
18	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	102	Kenosha, Wis. SMSA
19	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	103	Knoxville, Tenn. SMSA
20	Baltimore, Md. SMSA	62	Duluth-Superior, MinnWis. SMSA	104	La Crosse, Wis. SMSA
21	Baton Rouge, La. SMSA	63	Durham, N.C. SMSA	105	Lafayette, La. SMSA
22	• • • • • • • • • • • • • • • • • • • •	64	El Paso, Tex. SMSA	106	Lafayette-West Lafayette, Ind. SMSA
23	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA	107	Lake Charles, La. SMSA
24	Billings, Mont. SMSA	66	Eugene, Oreg. SMSA	108	Lancaster, Pa. SMSA
25	Biloxi-Gulfport, Miss. SMSA	67	Evansville, IndKy. SMSA	109	Lansing, Mich. SMSA
26	Binghamton, N.YPa. SMSA	68	Fall River, MassR.I. SMSA	110	Laredo, Tex. SMSA
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. DakMinn. SMSA	111	Las Vegas, Nev. SMSA
28	Bloomington-Normal, III. SMSA	70	Fayetteville, N.C. SMSA	112	Lawrence-Haverhill, MassN.H. SMSA
29	• •	71	Fitchburg-Leominster, Mass. SMSA	113	Lawton, Okla. SMSA
30	Boston, Mass. SMSA	72	Flint, Mich. SMSA	114	Lewiston-Auburn, Maine SMSA
31	• • • • • • • • • • • • • • • • • • • •	73	Fort Lauderdale-Hollywood, Fla. SMSA	115	Lexington, Ky. SMSA
32	•	74	Fort Smith, ArkOkla. SMSA	116	Lima, Ohio SMSA
33		75	Fort Wayne, Ind. SMSA	117	Lincoln, Nebr. SMSA
34		76	Fort Warth, Tex. SMSA	118	Little Rock-North Little Rock, Ark. SMSA
35	Bryan-College Station, Tex. SMSA	77	Fresno, Calif: SMSA	119	Lorain-Elyria, Ohio SMSA
36	Buffalo, N.Y. SMSA	78	Gadsden, Ala. SMSA	120	Los Angeles-Long Beach, Calif. SMSA
37	Canton, Ohio SMSA	79	Gainesville, Fla. SMSA	121	Louisville, KyInd. SMSA
38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	122	Lowell, Mass. SMSA
39	Champaign-Urbana, III. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA	123	•
40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	124	Lynchburg, Va. SMSA
41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA	125	Macon, Ga. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	126	Madison, Wis. SMSA

Report		Report	_	Report	Area
number	Area	number	Area	number	MICA
1					
1			01	211	Springfield-Chicopee-Holyoke, Mass Conn. SMSA
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA		Stamford, Conn. SMSA
128	Mansfield, Ohio SMSA		Portland, Maine SMSA	212	Steubenville-Weirton, Ohio- W. Va. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, OregWash. SMSA	Į.	
130	Memphis, TennArk. SMSA	172	Providence-Pawtucket-Warwick, R.IMass. SMSA	,	Syracuse, N.Y. SMSA
131	Meriden, Conn. SMSA	1/3	Provo-Orem, Utah SMSA	213	Sytabase, 14.11. Smart
1			D. ALL- C-In CMCA	216	Tacoma, Wash. SMSA
132	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA	217	Tallahassee, Fla. SMSA
133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	218	Tampa-St. Petersburg, Fla. SMSA
134	Milwaukee, Wis. SMSA	176	Raleigh, N.C. SMSA Reading, Pa. SMSA		Terre Haute, Ind. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	177	Reno, Nev. SMSA	220	Texarkana, TexArk, SMSA
136	Mobile, Ala. SMSA	178	Neilu, Ivav. Sinon		
127	Madesta Calif CMCA	179	Richmond, Va. SMSA	221	Toledo, Ohio-Mich. SMSA
137	Modesto, Calif. SMSA	180	Roanoke, Va. SMSA		Topeka, Kans. SMSA
138	Monroe, La. SMSA	181	Rochester, Minn. SMSA	223	Trenton, N.J. SMSA
139	Montgomery, Ala. SMSA	182	Rochester, N.Y. SMSA	224	Tucson, Ariz. SMSA
141	Muncie, Ind. SMSA Muskegon-Muskegon Heights, Mich. SMSA	183	Rockford, III. SMSA	225	Tuisa, Okia. SMSA
} '''	muskeguti muskeguti rietgitts, mich. Smish		110011101111111111111111111111111111111		
142	Nashua, N.H. SMSA	184	Sacramento, Calif. SMSA	226	
1	Nashville-Davidson, Tenn. SMSA	185	Saginaw, Mich. SMSA	227	Tyler, Tex. SMSA
144	New Bedford, Mass. SMSA	186	St. Joseph, Ma. SMSA	228	Utica-Rome, N.Y. SMSA
145		187	St. Louis, MoIII. SMSA	229	Vallejo-Napa, Calif. SMSA
1 .	New Haven, Conn. SMSA	188	Salem, Oreg. SMSA	230	Vineland-Millville-Bridgeton, N.J. SMSA
}		l		1	
147	New London-Groton-Norwich, Conn. SMSA	189	Salinas-Monterey, Calif. SMSA	231	Waco, Tex. SMSA
148		190		232	
149		191	San Angelo, Tex. SMSA	233	
150		192	San Antonio, Tex. SMSA	234	Waterloo, lowa SMSA
151	Newport News-Hampton, Va. SMSA	193	San Bernardino-Riverside-Ontario, Calif. SMSA	235	West Palm Beach, Fla. SMSA
-		}		220	Wheeling, W. VaOhio SMSA
152	Norfolk-Portsmouth, Va. SMSA	194		236	1 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
153	Norwalk, Conn. SMSA	195	San Francisco-Oakland, Calif. SMSA	237	
154	Odessa, Tex. SMSA	196	San Jose, Calif. SMSA	238	D. PMCA
155	Ogden, Utah SMSA	197	Santa Barbara, Calif. SMSA	240	Wilmington, DelN.JMd. SMSA
156	Oklahoma City, Okla. SMSA	198	Santa Rosa, Calif. SMSA	240	Williageon Bon men a
- {		1		241	Wilmington, N.C. SMSA
157	Omaha, NebrIowa SMSA	199		242	Worcester, Mass. SMSA
158		1	Scranton, Pa. SMSA		York, Pa. SMSA
159	· •	201		244	Youngstown-Warren, Ohio SMSA
160	• • • •	202		"	•
161	Paterson-Clifton-Passaic, N.J. SMSA	203	Shreveport, La. SMSA	245	Caguas, P. R. SMSA
	A A	204	Sioux City, Iowa-Nebr. SMSA	246	Mayagüez, P. R. SMSA
	Pensacola, Fla. SMSA	204		247	- D.D. CMCA
163		205			San Juan, P. R. SMSA
164		206		1	
165		207		1	
166	•	1		1	
167		209		1	
1 168	B Pittsburgh, Pa. SMSA	. 210	opinignois, only one.		

TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS Year moved into unit	1, 11*, 19† —	2, 12*, 20† –	3, 13*, 21† -	 91	_ 9	6, 16*, 24† 9	-	-	1 1	- 9
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Number of bedrooms Persons per room	1, 11*, 19† 1, 11*, 19† 1, 11* 1, 11*	2, 12*, 20† 2, 12*, 20† 2, 12* 2, 12*	3, 13*, 21† 3, 13*, 21† 3, 13* 4, 14*, 22†	5, 15*, 23† 4, 14*, 22† —	 5, 15*, 23† 5, 15* 5, 15*, 23†	6, 16*, 24† 8, 18*, 26† 6, 16* 6, 16*, 24†	8, 18*, 26† - 7, 17*, 25†	5, 15*, 23† 8, 18* 4, 14*, 22†	9 - 9 -	 10
PLUMBING CHARACTERISTICS Plumbing facilities		2, 12*, 20† 2, 12*, 20†	4, 14*, 22† —		5, 15*, 23† 5, 15*, 23†	- 6, 16*, 24† -	_ 7, 17*, 25† 	4, 14*, 22† 8, 18*, 26†	9 -	10
STRUCTURAL CHARACTERISTICS Units in structure Year structure built Elevator in structure	1, 11*, 19† —	6, 16*, 24† 2, 12*, 20† 2, 12*	6, 16*, 24† 3, 13*, 21†	6, 16*, 24† 4, 14*, 22†	6, 16*, 24† 5, 15*, 23†	- 6, 16*, 24† -	7, 17*, 25† - -	8, 18*, 26† 8, 18*, 26† -	9	10 10
EQUIPMENT AND APPLIANCES Heating equipment	1, 11*, 19†	2, 12*, 20† 	3, 13*, 21† 3, 13*, 21† 3, 13* 3, 13* 3, 13* 3, 13* 3, 13*	4, 14*, 22† - - - - - - -	- - - - - -	6, 16*, 24† 6, 16*, 24† 6, 16*, 24† - -	-	111111	9 	
FINANCIAL CHARACTERISTICS Value Value-income ratio Gross rent Gross rent as percentage of income Gross rent as percentage of income by income Sales price asked Rent asked Inclusion of utilities in rent	-	2, 12*, 20t	1, 11*, 19t - 2, 12*, 20t 3, 13*, 21t - - -	1, 11*, 19† 4, 14*, 22† 2, 12*, 20† 4, 14*, 22†	1, 11*, 19t 5, 15*, 23t 2, 12*, 20t 5, 15*, 23t 	- 6, 16*, 24† - - - 10	1, 11*, 19t 7, 17*, 25t 7, 17*, 25t 7, 17*, 25t - - -	1, 11*, 19† 8, 18*, 26† 2, 12*, 20† 8, 18*, 26†	- - - - 9	- - - - - 10
HOUSEHOLD CHARACTERISTICS Household composition by age of head Income in 1969		7, 17*, 25† 2, 12*, 20†	7, 17*, 251	7, 17*, 25† 4, 14*, 22†	3, 13*, 21†	7, 17*, 25† 6, 16*, 24†	- 7, 17*, 25†	8, 18*, 26† 3, 13*, 21†	-	-

 $^{^{1}\}mbox{Vacant units tabulated by plumbing facilities only.}$

INTRODUCTION

APPENDIXES

Α.	Area Classifications	App-
В.	Definitions and Explanations of Subject Characteristics	App.
C.	Accuracy of the Data	App-1
D.	Publication and Computer Summary Tane Program	Ann-20

GENERAL	٧
Organization of the text	V
Content of the tables	V
Sample size	٧
Derived figures (medians, etc.)	Vi
Symbols	VI
Boundaries	VΙ
DATA COLLECTION PROCEDURES	VI
PROCESSING PROCEDURES	VII

GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.-The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).-Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal partsone-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000-." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

Symbols.—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

in the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone: vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

INTRODUCTION—Continued

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Eugene, Oreg. STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 66.]

page

MAP

Counties, Standard Metropolitan Statistical Areas, and Selected Places

ΧI

INDEX OF TABLES

[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		Pages	Pages	Pages
Total SMSA	A B	1 to 9 10 to 18	<u> </u>	

CONTENTS—Continued

LIST OF TABLES

[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Spanish language]

TABLE

TA	BLE
1	Value of Owner Occupied Housing Units: 1970
2	Gross Rent of Renter Occupied Housing Units: 1970
3	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970
4	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970
5	Rooms in Owner and Renter Occupied Housing Units: 1970
6	Units in Structure for Owner and Renter Occupied Housing Units: 1970
7	Household Composition for Owner and Renter Occupied Housing Units: 1970
8	Persons in Owner and Renter Occupied Housing Units: 1970
9	Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970
10	Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970
11	Value of Owner Occupied Housing Units With Negro Head of Household: 1970
12	Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970
13	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
14	Plumbing Facilities by Persons per Room for Owner

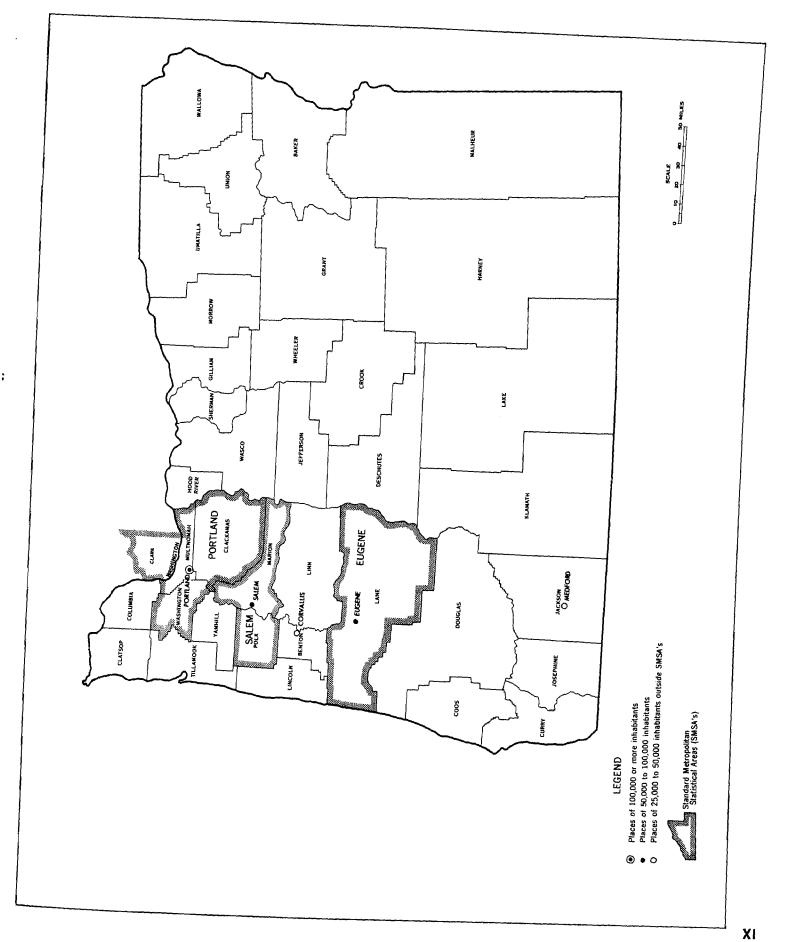
and Renter Occupied Housing Units With Negro

Head of Household: 1970

TABLE

- Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 16 Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 17 Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 18 Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
- 19 Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970
- 20 Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 21 Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- 24 Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- Household Composition for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
- Persons in Owner and Renter Occupied Housing Units
 With Household Head of Spanish Language: 1970

Counties, Standard Metropolitan Statistical Areas, and Selected Places



NOTE

The data shown in the tables do not reflect corrections in the housing unit counts for certain areas in this SMSA; see "Correction Note" (page 6) in the 1970 Housing Census HC(1)-A reports.

Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]												
The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 fo \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dallars)
Specified owner occupied ¹	35 542	730	1 605	2 990	4 343	4 807	10 902	5 206	3 414	1 243	302	16 400
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 7 rooms 8 rooms 8 rooms Median	204 902 4 889 9 899 10 181 5 100 4 367 5.7	64 174 239 163 57 20 13 4.0	43 242 554 438 242 67 19 4.4	34 195 1 056 1 041 443 140 81 4.7	6 136 1 294 1 625 919 282 81 5.0	5 49 786 1 890 1 400 504 173 5.3	36 70 691 3 453 4 362 1 515 775 5.8	11 28 169 831 1 772 1 439 956 6.4	5 8 89 318 796 897 1 301 7.0	74 105 172 216 746 7.5+	7 35 18 20 222 7.5+	7 200 7 900 11 200 14 700 17 300 20 100 25 700
PERSONS 1 persons	3 224 11 113 5 950 6 870 4 567 3 818 3.1 608	275 212 91 28 71 53 1.9	351 663 188 152 107 144 2.2	533 1 145 440 397 204 271 2.3	508 1 722 741 600 421 351 2.5	430 1 754 846 792 572 413 2.8	688 3 018 1 883 2 548 1 642 1 123 3.4	246 1 276 995 1 329 723 637 3.6	140 878 555 706 537 598 3.7 85	53 353 172 235 247 183 3.7 26	92 39 83 43 45 3.7	12 200 15 100 16 600 17 600 17 600 17 500
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lecking seme or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	35 212 18 523 15 160 1 323 206 330 164 127 17 22	633 374 163 82 14 97 50 29	1 538 907 502 84 45 67 24 27 5	2 925 1 621 1 111 136 57 65 41 19	4 309 2 382 1 682 223 22 34 19 15	4 775 2 573 1 979 191 32 32 13 19 -	10 875 5 021 5 368 451 15 27 13 14	5 202 2 608 2 472 105 17 4 4 - -	3 410 1 943 1 412 51 4 4 4 - 4	1 243 856 387 	302 238 64 - - - - - -	16 400 16 300 16 700 14 300 9 400 7 500 8 000 8 500
REDROOMS None and 1	1 578 10 322 17 664 6 168	303 398 126 24	392 878 493 61	280 1 929 758 160	144 2 569 1 479 398	99 1 756 2 550 584	221 1 870 7 092 1 503	78 588 2 993 1 169	41 228 1 531 1 417	83 565 668	20 23 77 184	8 300 11 900 17 300 21 500
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	1 159 4 636 6 482 10 606 6 790 5 869	10 11 16 158 263 272	5 17 62 397 525 599	18 46 151 752 1 019 1 004	11 85 291 1 515 1 409 1 032	27 396 580 1 788 1 162 854	511 1 669 2 689 3 499 1 505 1 029	206 1 123 1 486 1 390 491 510	246 864 832 815 296 361	94 360 297 246 100 146	31 65 78 46 20 62	20 000 20 400 19 000 15 900 12 900 12 600
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more	27 150 7 114 680 518	545 5 128	1 347 21 - 142	2 739 65 128	4 069 134 - 56	4 532 209 9 28	9 376 1 570 25 24	3 069 2 234 25 6	1 167 2 113 194 6	264 648 295	42 115 132	15 200 23 500 39 400 7 300
HOUSEHOLD COMPOSITION Two-or-mere-parson households Mole head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Female head Under 65 years 65 years and over Female head Under 65 years 65 years and over 65 years and over 65 years and over 65 years and over 65 years and over 65 years and over 68-person households Under 65 years 65 years and over	32 318 29 595 5 484 7 066 12 540 3 870 128 1 906 1 509 397 3 224 1 382 1 382	455 3900 111 47 63 187 82 33 23 10 32 27 5 275 124	1 254 1 029 31 105 508 243 56 31 25 169 107 62 351 107 244	2 457 2 213 40 3522 3111 960 550 92 82 10 152 1112 40 533 2111 322	3 835 3 435 1011 5333 621 1 460 720 94 79 15 306 234 72 508 210 298	4 377 4 056 138 844 779 1 652 643 77 61 16 244 221 23 430 233 195	10 214 9 449 261 2 226 2 314 3 774 874 205 32 528 449 488 291 397	4 960 4 586 41 793 1 452 1 971 120 106 14 254 204 50 246 110 136	3 274 3 063 12 458 944 1 378 271 66 60 6 145 101 44 140 64 76	1 190 1 085 1 08 374 511 92 33 33 72 54 18 53 30 23	302 289 18 66 139 66 9 9 4 4	16 700 16 800 14 900 16 600 18 500 16 900 13 800 16 300 13 100 15 400 15 500 14 600 12 200 12 900 11 700
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or mare Median	2 401 1 505 1 306 1 241 1 511 2 011 7 714 10 744 5 720 1 389 \$10 000	218 94 41 33 66 47 133 73 14 11 \$4 400	318 212 128 111 143 110 339 188 52 4 \$5 200	429 226 249 143 220 245 810 567 91 10 \$6 900	387 302 236 261 232 385 1 084 1 081 324 51 \$8 000	277 227 218 200 185 327 1 134 1 738 452 49 \$9 600	398 307 286 317 402 587 2 893 3 771 1 718 223 \$10 300	186 80 76 97 138 167 833 1 945 1 422 262 \$12 600	115 53 52 48 81 101 392 1 042 1 221 309 \$14 200	64 4 14 27 14 38 96 300 369 317 \$16 700	9 -6 4 30 4 - 39 57 153 \$25 500	11 500 11 800 12 500 13 800 14 200 15 500 17 100 20 700 27 700
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959 1949 or earlier	5 006 3 188 2 562 4 867 8 304 7 881 3 654	89 31 60 49 116 205 128	166 60 69 126 280 502 307	320 173 164 243 643 835 554	548 271 206 422 968 1 189 655	561 387 323 577 1 048 1 245 637	1 632 1 101 876 1 782 2 715 2 117 772	792 589 429 918 1 358 965 283	618 415 329 512 810 576 220	227 149 81 188 309 183 70	53 12 25 50 57 64 28	16 900 18 100 17 500 17 800 16 900 14 900 13 200
HEATING EQUIPMENT Steam or hat water	736 7 889 17 595 2 189 7 106 27	6 34 109 15 560 6	101 330 154 1 015 5	261 860 247 1 617	16 636 1 680 566 1 439	43 1 075 2 402 494 793	169 2 625 6 528 478 1 097	166 1 468 3 094 170 308	230 1 043 1 944 47 150	69 511 538 18 107	37 135 110 	24 000 18 400 17 400 13 100 10 600
AIR CONDITIONING Room unit(s) Central system None	1 595 434 33 433	22 - 656	61 21 1 428	136 2 796	171 36 4 052	225 57 4 496	450 85 10 460	200 45 5 089	231 114 3 135	73 39 1 095	26 37 226	16 700 22 000 16 400

Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

	[Daid Costa C	ii sampie, sei	FIENT. FOI II	iinimum base	TOT GETTYEG T	iguies (percei	ii, nicululi, el	c., and mean	ing or symbo	15, See (ext)			
The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied	23 575	1 014	1 000	1 040	1 462	3 947	4 440	5 626	3 410	658	38	940	113
ROOMS	:												
room	774 1 928 5 009 7 578 4 578 2 261 942 505 4.0	237 170 334 210 33 13 8 9	107 165 377 250 62 39 - 3.1	96 185 344 269 90 37 4 15	61 262 436 378 181 105 25 14 3.4	152 391 1 153 1 266 577 286 80 42 3.7	41 293 1 149 1 525 989 303 87 53 4.0	40 340 828 2 185 1 286 588 267 92 4.2	5 28 223 1 098 1 044 636 285 91 4.8	4 5 34 90 136 161 96 132 5.9	8 	23 89 131 302 180 93 84 38 4.3	63 87 97 117 126 135 145
PERSONS													
person	5 993 7 630 4 054 2 954 1 640 1 304 2.3	701 207 48 42 4 12 1.2	466 306 133 75 15 5 1.6	524 265 92 83 31 45 1.5	614 443 166 141 40 58 1.8	1 158 1 397 588 425 174 205 2.1	942 1 573 882 520 286 237 2.3 266	915 1 956 1 177 811 461 306 2.5	287 991 766 575 447 344 3.1	69 129 84 206 117 53 3.7	10 3 6 15 4 	317 353 115 70 50 35 1.9	89 113 122 126 136 127
PLUMBING FACILITIES BY PERSONS PER ROOM				,									
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	520 212 263	808 582 191 20 15 206 39 164	906 518 335 27 26 94 46 23 —	1 008 569 347 55 37 32 20	1 446 797 583 40 26 16	3 907 1 766 1 853 231 57 40 19 21	4 440 1 934 2 143 307 56 	5 602 2 466 2 785 283 68 24 12	3 405 1 394 1 800 191 20 5 5	658 283 340 35 - - -	38 20 10 - 8 - -	837 546 259 18 14 103 71 27	114 110 118 114 98 50 57
BEDROOMS													
None	1 196 7 192 9 589 5 592	277 537 134 74	198 335 401 79	264 390 385 154	61 560 423 146	233 1 678 1 504 587	61 1 725 1 904 620	41 1 344 2 952 1 376	19 391 1 257 1 649	 48 198 491	18 - - -	24 184 431 416	64 100 118 140
YEAR STRUCTURE BUILT													
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	3 805 3 917 4 822 4 678	42 305 168 104 102 293	33 72 93 72 368 362	37 48 62 180 326 387	13 33 75 340 419 582	21 246 474 896 1 053 1 257	85 501 714 1 037 1 033 1 070	242 1 222 1 278 1 274 833 777	264 1 099 832 600 260 355	75 173 122 115 88 85	22 9 3 4 -	25 84 90 201 192 348	142 136 128 114 100 95
ELEVATOR IN STRUCTURE													
4 (loars or more With elevator Walk-up 1 to 3 floors	-	185 185 - 837	39 39 - 974	57 57 1 136	41 41 - 1 149	117 117 3 885	95 95 - 4 215	138 138 - 5 575	114 114 3 202	39 39 - 698	- - 18	1 055	93 93 114
COMPLETE BATHROOMS	2) 2/4												
1 and 1 1/2	. 791	760 16 233	791 7 173	929 74	1 440 13 78	3 843 18 158	4 401 50 32	5 450 82 49	3 108 282 7	390 233 -	24 24 -	730 66 135	113 181 60
INCOME IN 1969													
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	2 251 1 926 1 801 1 878 1 828 5 045 3 115 981	514 200 69 61 36 33 81 20 \$2 000	393 159 83 51 82 57 148 27 - \$2 700	347 157 100 73 153 48 96 56 6 4 \$3 200	401 205 166 105 149 92 246 62 21 15 \$3 800	688 429 443 378 384 372 775 343 126 9	661 336 422 459 411 424 1 102 457 119 49 \$5 800	663 400 366 441 454 500 1 493 1 008 247 54 \$7 000	509 175 167 138 136 203 848 864 326 44 \$8 300	114 47 27 10 31 29 83 166 110 41 \$9 600	23	224 143 83 85 42 70 173 89 22 9	94 95 103 108 106 113 120 136 145
YEAR MOVED INTO UNIT	,,,,,,,	,	42 100	ψυ 200	45 500	\$3 100	\$2.000	\$7,000	\$6 300	\$9 800	•••	#4 200	•••
1969 to March 1970	3 296 1 741 1 566 1 131 743	333 184 119 138 145 53 37	453 203 79 78 101 57	576 102 85 82 98 28 32	885 184 129 132 93 74 34	2 494 600 249 250 248 151 27	2 846 639 364 282 209 124	3 842 818 407 309 130 57	2 596 416 180 151 35 19	508 53 25 25 7 7	33 15 - - -	260 82 104 119 65 180 121	118 110 109 103 87 90 75
GROSS RENT AS PERCENTAGE OF						-	"		-	1			
Less than 10 percent	3 397 4 108 3 065 3 440 6 933	164 107 103 143 183 309 5	180 170 58 96 124 327 45	87 196 169 84 127 359	120 310 179 108 199 522 24	286 783 697 474 522 1 126	231 624 982 554 703 1 317 29	155 775 1 135 891 910 1 683 77	100 378 649 611 576 1 027 69	19 49 136 100 76 254 24	5 -4 20 9	940	89 104 117 122 116 113
AIR CONDITIONING Room unit(s)													
Room unit(s)	336 22 474	43 37 929	20 12 939	50 9 944	32 9 1 490	64 58 3 897	104 41 4 338	230 50 5 301	133 61 3 203	48 21 554	5 43	62 33 836	126 113 112

Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

	[Data based o	n sample, see	text. For mir	ilmum base to	r derived tigu:	es (percent, n	nedian, etc.) a	nd meaning of	symbols, see	text]		
The SMSA	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Median (dollars)
Owner occupied housing units	43 739	3 299	1 998	1 851	1 773	2 032	2 595	9 481	12 587	6 457	1 666	9 600
ROOMS } and 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms or more	855 2 011 7 132 11 595 11 325 10 821	216 440 908 889 447 399	86 249 637 516 371	85 191 562 515 325 173	67 149 511 514 319 213	77 157 485 598 373 342	82 161 598 796 566 392	110 369 1 657 2 713 2 706 1 926	88 205 1 351 3 483 3 968 3 492	33 71 382 1 338 1 895 2 738	11 19 41 233 355 1 007	4 600 4 800 6 800 9 200 10 700 12 600
PERSONS 1 person. 2 persons 3 ond 4 persons 5 persons 6 persons or more	4 611	1 833 875 403 117 71	632 1 032 247 49 38	414 1 159 196 47 35	358 1 023 283 45 64	252 1 057 485 129 109	269 1 133 757 234 202	504 2 901 3 736 1 362 978	259 3 250 5 503 1 910 1 665	70 1 568 2 916 950 953	20 337 668 340 301	2 700 7 900 11 400 11 600 12 100
Units with roomers, boarders, or lodgers BEDROOMS Less than 3 4 or more4	728 16 654 19 776 7 335	133 2 383 626 265	48 1 623 529 122	46 1 272 507 129	30 1 122 571 167	1 340 638 338	65 1 216 942 192	3 656 4 888 1 250	151 2 979 7 215 2 213	925 3 232 1 781	25 138 628 878	7 800 6 500 10 800 12 700
YEAR STRUCTURE BUILT 1969 to Morch 1970 1960 to 1968 1950 to 1959 1949 or earlier YEAR MOVED INTO UNIT	1 740 14 302 12 307 15 390	74 680 906 1 639	32 380 534 1 052	80 376 454 941	71 ! 387 511 804	65 540 448 979	109 739 738 1 009	482 3 083 2 654 3 262	497 4 814 3 742 3 534	216 2 657 1 836 1 748	114 646 484 422	9 700 11 000 9 900 8 200
1969 to March 1970	6 659 3 981 19 265 13 834	446 139 1 119 1 563	235 112 660 949	272 113 645 795	233 96 673 749	392 166 676 720	575 271 1 081 728	1 601 1 012 4 211 2 530	1 847 1 322 6 191 3 317	820 593 3 233 1 962	238 157 776 521	9 200 10 300 10 500 8 700
Automatic clothes washing machine Clothes dryer	37 274 34 936 18 495 27 804 1 648 3 194 2 284 910	1 919 1 525 503 1 432 62 174 141 33	1 600 1 299 247 1 206 78 93 63 30	1 251 961 366 999 37 166 99	1 384 1 156 415 962 157 117 97	1 876 1 648 617 1 318 20 147 92 55	1 901 1 914 654 1 579 76 183 136 47	8 554 8 252 3 244 6 109 193 642 448 194	11 566 11 092 6 843 8 904 401 861 669 192	5 621 5 501 4 238 4 125 420 619 427 192	1 602 1 588 1 368 1 170 204 192 112 80	10 100 10 300 12 300 10 200 12 500 10 400 10 500 10 200
1	18 807 17 923 4 561	1 616 470 68	1 293 251 27	1 295 281 50	1 269 305 41	1 356 440 57	1 487 905 150	4 438 3 977 735	4 292 6 805 1 447	1 462 3 429 1 660	299 1 060 326	7 700 11 700 14 000
Renter occupied housing units	24 518	4 633	2 329	2 906	1 837	1 935	1 956	5 294	3 258	1 029	241	5 800
ROOMS 1 room 2 rooms 3 rooms 5 rooms 6 rooms 6 rooms or more	783 1 946 5 074 7 751 4 837 4 127	311 721 1 468 1 264 542 327	142 279 640 687 377 204	110 199 485 672 303 237	43 158 440 665 301 230	31 130 438 702 383 251	37 107 412 599 456 345	63 236 730 1 763 1 255 1 047	41 91 306 857 895 1 068	5 10 125 283 278 328	15 30 59 47 90	2 600 2 900 3 900 5 800 7 100 8 300
PERSONS 1 persons 2 persons 3 and 4 persons 5 persons 6 persons Units with roomers, boorders, or lodgers	6 116 7 858 7 305 1 770 1 469	2 246 1 345 838 114 90 676	988 729 474 87 51	553 780 524 79 70	521 644 505 77 90	408 668 613 96 150	322 671 655 179 129 45	699 1 571 2 085 552 387 107	265 980 1 221 428 364 44	63 388 317 139 122	51 82 73 19 16	2 800 5 600 7 100 8 400 8 200 2 300
BEDROOMS None	1 196 7 274 9 970 6 167	447 2 123 1 630 511	169 988 899 309	277 779 898 355	22 534 767 331	92 574 910 356	547 703 565	133 1 003 2 347 1 619	37 514 1 391 1 520	19 145 236 495	67 189 106	2 900 3 700 5 900 8 200
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	847 7 812 4 992 10 867	138 1 513 778 2 204	50 624 440 1 215	77 577 429 923	70 606 354 807	59 504 415 957	44 600 430 882	201 1 759 1 085 2 249	148 127 795 188	40 418 216 355	20 84 50 87	6 700 6 100 6 200 5 300
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1968 1960 to 1967 1959 ar earlier	15 204 3 459 4 654 1 201	2 987 623 696 315	1 491 279 452 123	1 340 247 247 112	1 191 276 394 46	1 303 239 292 88	1 192 272 432 112	3 231 872 1 025 197	1 875 483 688 138	517 145 338 56	77 23 90 14	5 500 6 200 6 600 5 100
GROSS RENT AS PERCENTAGE OF INCOME Specified renter eccepted! Less than 15 percent. 15 to 19 percent. 20 to 24 percent. 25 to 34 percent. 35 percent or more. Hol computed	23 575 4 739 4 108 3 065 3 440 6 933 1 290	4 520 5 13 38 165 3 725 574	2 251 4 52 161 358 1 533 143	1 926 31 97 151 569 995 83	1 801 97 117 313 704 485 85	1 878 199 368 475 667 127 42	1 828 227 504 473 509 45 70	5 045 1 386 1 820 1 211 435 20 173	3 115 1 706 1 045 239 33 3 89	981 863 92 4 	230 221 - - - 9	5 700 11 200 8 500 6 800 4 900 2000 2 500
SELECTED CHARACTERISTICS Automotic clothes washing machine Clothes dryer Dishwosher Home food freezer Owned second home With air conditioning Room unit(s) Centrol system	12 486 11 483 4 114 4 939 728 1 158 822 336	1 513 1 317 252 453 245 236 123 113	759 589 297 295 61 130 87 43	803 790 240 353 79 109 63	771 618 205 322 39 74 53 21	1 034 858 195 285 84 79	1 219 1 190 262 334 - 52 45 7	3 083 2 846 941 1 300 140 214 162 52	2 422 2 380 1 010 1 098 122 160 137 23	651 664 483 324 19 84 65	231 231 229 175 23 15 8	7 100 7 400 8 900 8 900 3 700 5 400 6 100 3 300
Automobiles available: 1	13 640 5 965 1 271	2 039 476 199	1 345 271 91	1 261 270 113	1 244 343 53	1 318 405 119	1 310 508 60	3 134 1 748 230	1 485 1 355 252	413 513 124	91 76 30	5 700 8 200 7 000

*Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

	(Data based on	sample, see text.		plumbing facili		nt, median, er	c.) and meaning		or all plumbing f	ocilities	
The SMSA			0.50	0.51	1.01	1.51		0.50	0.51	1.01	1.51
IIIE JIMJA	Total	Total	or less	to 1.00	to 1,50	or more	Total	or less	to 1.00	to 1.50	wore
Owner occupied housing units	43 739	43 224	22 739	18 494	1 664	327	515	246	191	37	41
PERSONS		4 427	4 317	110	_	İ	184	155	29	_	j
1 person2 persons	4 611 14 335	14 190	12 941	1 215	-	34	145	83	45	=	17
3 persons4 persons	7 191 8 003	7 111 7 9 82	3 841 1 226	3 225 6 662	35 74	10 20	80 21	8	68 15	4	ō
5 persons	5 183	5 140	414	4 428	264	20 34	43	-	29	9	51
6 persons or more	4 416 2.9	4 374 2.9	2.0	2 854 4.2	1 291 6.2	229 7.0	42 2.0	1.3	5 2.8	24	13
Units with roomers, boarders, or lodgers	1	724	364	276	79	5	4	_	4	-	_
YEAR STRUCTURE BUILT											i
1969 to March 1970	1 664	1 658	743	786	129	20	6 36	6	21	- 9	-
1965 to 1968	6 036 8 158	6 000 8 124	2 757 3 765	3 036 4 039	187 241	79	34	13	13	_	8
1950 to 1959	12 481 7 710	12 350 7 610	6 475 4 315	5 239 2 938	532 286	104 71	131 100	69 38	47 39	7	8 17
1940 to 1949 1939 or earlier		7 505	4 819	2 393	244	49	185	101	45	33	6
INCOME IN 1969	}										
Eess than \$2,000\$2,000 to \$2,999	3 299 1 998	3 147 1 968	2 549 1 530	549 387	35 41	14	152 30	105 15	41 15	-	6
\$3,000 to \$3,999	1 851	1 800	1 450	335	9	6	51	22	17	-	12
\$4,000 to \$4,999		1 735 1 988	1 334 1 290	343 633	46 42	12 23	38 44	18 13	15 21	5 5	5
\$6,000 to \$6,999	2 595	2 560	1 433	977	125	25 87	35 91	10 31	14 43	4 12	5 7 5
\$7,000 to \$9,999		9 390 12 524	4 106 5 185	4 734 6 638	463 602	99	63	27	25	ii	- - 6
\$15,000 to \$24,999\$25,000 or more	6 457	6 451 1 661	3 061 801	3 086 812	267 34	37 14	6 5	5	Ξ	-	6
Median		\$9 700	\$8 300	\$11 000	\$10 600	\$9 500	\$4 600	\$3 100	\$5 400		***
VALUE-INCOME RATIO	1										
Specified owner occupied!	35 542 13 862	35 212 13 741	1 8 523 5 835	15 160 6 939	1 323 828	206 139	330 121	164 23	127 76	17 17	22 5
1.5 to 1.9	7 645	7 591	3 434	3 871	252	34	54	33	10	_	11 6
2.0 to 2.4	4 606 2 322	4 576 2 286	2 322 1 409	2 130 813	111 59	13	30 36	24 23	13	-	-
3.0 to 3.9	2 446	2 420	1 733	658	29	-1	26	16	10	_	_
4.0 or moreNot computed	4 363 298	4 310 288	3 566 224	685 64	44 -	15	53 10	39 6	14 4	_	_
HEATING EQUIPMENT											
Steam or hot water		885	527	346	12		-		10	<u>-</u> 5	-
Warm-air furnace		10 691 19 927	5 787 10 136	4 460 9 094	. 371 645	73 52	34 76	16 35	13 37	4	-
Floor, wall, or pipeless furnace	2 593	2 583	1 317	1 124	97	52 45 157	10	5	5	28	41
Other means		9 112 26	4 956 16	3 460 10	539 -	157	384 11	184 6	131 5	-	-
Renter occupied housing units	24 518	23 961	11 218	11 089	1 291	363	557	244	268	10	35
PERSONS]	20 /01		11 007			•••				
1 person		5 714	5 272	442	_	-	402	198	204	_	
2 persons3 persons		7 764 4 173	5 060 714	2 613 3 385	71	91	94 33	41	32 23	10	21
4 persons	3 099	3 078	102	2 798	149	29	21	5	9	· -	7
5 persons6 persons or more	- 1 770 - 1 469	1 763 1 469	70	1 295 556	348 723	50 190	7	_	-	-	
Median		2.3	1.6	3.2	5.7	6.0	1.2	1.1	1.2		
Units with roomers, boarders, or lodgers	- 1 471	1 471	462	920	47	42	-	-	-	-	-
YEAR STRUCTURE BUILT 1969 to Morch 1970	200	201									
1965 to 1968	. 3 705	826 3 684	486 1 906	299 1 656	41 69	53	21	21	-	Ξ	_
1960 to 1964 1950 to 1959	4 026	3 984 4 927	1 744 2 161	1 950	228 329	62	42 115	29 52	13 50	13	-
1940 to 1949	4 886	4 804	2 027	2 357 2 353	351	80 73	82	56	26	-	
1939 or earlier	6 033	5 698	2 958	2 336	270	134	335	115	199	***	21
INCOME IN 1969 Less than \$2,000	4 633	4 406	2 654	1 570	119	42	227	117	94		16
\$2.000 to \$2.999	1 2 329	2 219	1 286	831	71	63 31	110	51	54	5	-
\$3,000 to \$3,999 \$4,000 to \$4,999	1 837	1 939 1 800	974 954	847 726	83 102	35 18	67 37	15 10	38 27	_	14
\$5,000 to \$5,999	. 1 935	1 910	819	930	139	22	25	13	7	-	3
\$6,000 to \$6,999 \$7,000 to \$9,999	5 294	1 928 5 252	776 1 965	959 2 874	149 348	44 65	28 42	6 16	17 26	5 	-
\$10,000 to \$14,999 15,000 to \$24,999	3 258 1 029	3 243	1 183	1 814	191	55	15	10	5	_	
5,000 or more	241	1 023 241	452 155	452 86	89	30	6 -	6	-	_	-
dian	7	\$5 800	\$4 700	\$6 700	\$6 900	\$6 300	\$2 500	\$2 100	\$2 700	•••	• • • • • • • • • • • • • • • • • • • •
	E	23 055	10.475	10 ///			***			10	44
OSS RENT AS PERCENTAGE OF INCOM Specified renter accupied?	. 93 676	1 296	10 875 570	10 646 611	1 207 78	327 37	520 46	212 15	263 31	10	35
Specified renter accupied?	1 342				196	74	45	13	24	_	
Specified renter eccupied? ass than 10 percent. 10 to 14 percent 15 to 19 percent	. 1 342 3 397 4 108	3 352	1 353 1 508	1 729	244	241	21		25	_	
Specified reater accepted: ass then 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent	1 342 3 397 4 108	3 352 4 074 3 013	1 508 1 293	2 286 1 429	244 265	36 26	34 52	5 16	25 29	= -	
Specified reater eccepied ³ ass shon 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more	1 342 3 397 4 108 3 065 3 440 6 933	3 352 4 074 3 013 3 363	1 508 1 293 1 670	2 286 1 429 1 468	265 188	26 37	52 77	16 30	29 42	5	7
Specified reater eccepied? ass than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent	1 342 3 397 4 108 3 065 3 440 6 933	3 352 4 074 3 013 3 363 6 787	1 508 1 293	2 286 1 429	265	36 26 37 91 26	34 52 77 146 120	16	29	5 5	
Specified renter accepted? ess then 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed HEATING EQUIPMENT	1 342 3 397 4 108 3 065 3 440 6 933 1 290	3 352 4 074 3 013 3 363 6 787 1 170	1 508 1 293 1 670 3 775 706	2 286 1 429 1 468 2 709 414	265 188 212 24	26 37 91 26	52 77 146 120	16 30 55	29 42 80 32	_	11
Specified reater eccepted? ass then 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent ar more Not computed HEATING EQUIPMENT Steam or hot water	1 342 3 397 4 108 3 065 3 440 6 933 1 290	3 352 4 074 3 013 3 363 6 787	1 508 1 293 1 670 3 775	2 286 1 429 1 468 2 709 414	265 188 212 24	26 37 91 26	52 77 146 120	16 30 55 78	29 42 80 32	_	11
Specified renter accepted? ess than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed HEATING EQUIPMENT Steam or hot water Warm-air furnace Built-in electric units	1 342 3 397 4 108 - 3 065 - 6 933 1 290 - 1 230 - 2 571 1 2 657	3 352 4 074 3 013 3 363 6 787 1 170 1 163 2 501 12 551	1 508 1 293 1 670 3 775 706 813 1 299 5 912	2 286 1 429 1 468 2 709 414 317 1 069 5 988	265 188 212 24 11 119 552	26 37 91 26 22 14	52 77 146 120 67 70 106	16 30 55	29 42 80 32 53 55 43	_	11 11 14
Specified renter eccupied? ass then 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed HEATING EQUIPMENT Steam or hot water Warm-oir furnace	1 342 3 397 4 108 3 065 3 440 6 933 1 290 1 230 1 2657 1 267 1 267	3 352 4 074 3 013 3 363 6 787 1 170 1 163 2 501 12 551 1 273 6 426	1 508 1 293 1 670 3 775 706	2 286 1 429 1 468 2 709 414	265 188 212 24	26 37 91 26 22 14	52 77 146 120 67 70	16 30 55 78	29 42 80 32 53 55	5	11

*Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	(Data based on s	ample, see text.	For minimum bo	se for derived fi	gures (percent, r	nedian, etc.) and	meaning of sym	bols, see text)	,	·
The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Mediar
Owner occupied housing units Units with 1 or more bathrooms and	43 739	200	655	2 011	7 132	11 595	11 325	5 781	5 040	5.5
complete kitchen facilities for exclusive	42 866	152	525	1 814	6 853	11 395	11 303	5 870	4 954	5.6
PERSONS I person	4 611	139	313	625	1 387	1 159	590		124	4.4
2 persons3 persons	14 335 7 191	51 10	260 39	1 000 224	3 511 1 083	4 388 1 986	3 184 2 273	951	708 625	5.0 5.6 6.0 6.2 6.5
4 persons	8 003 5 183	_	26 11	74 28	679 273	2 059 1 196	2 560 1 579	1 379 1 082	1 226 1 014	6.0 6.2
5 persons or more	4 416	1,2	6 1.6	60 1.9	199		1 139	862 3.8	1 343 4.4	6.5
Median PLUMBING FACILITIES BY PERSONS PER ROOM	2.9	1,2	1.0		ļ ~·'	1	0.0		11.7	•••
With all plumbing facilities	43 224	154	610	1 925	6 965	11 523	11 241	5 771	5 035	5.5
0.50 or less 0.51 to 1.00	22 739 18 494	110	283 255	590 1 184	4 816 1 698	5 513 5 212	5 997 4 906	2 448 3 227	3 092 1 902	5.5 5.7
1.01 to 1.50	1 664	44	255 35 37 45	74 77	361 90	732 66	334	87	41	5.0 3.6
1.51 or more Lacking same or will plumbing facilities 0.50 or less	327 515	46	45	86	167	72	84	10	5	4.0
0.51 to 1.00	246 191	29	30 5	35 40	82 64	34 29	50 24	10	5 ~	4.2 3.8
1.01 to 1.50	37 41	17	4 6	11	j 14 7	9 ~	10	_	-	•••
BEDROOMS] '									
None and 1	2 884	205	652	1 272	566	115	54		20	3.0
3	13 770 19 776	-	-	889	6 392 245	4 938 6 594	1 251 8 506	204 2 998	96 1 433	4.4 5.9
4 or more	7 335	-	~	-	-	145	1 282	2 108	3 800	7.5
YEAR STRUCTURE BUILT					200	416	439	258	251	5.7
1969 to March 1970 1960 to 1968	1 740 14 302	4 88	30 192	68 676	280 1 742	410 3 548	4 086	2 006	1 964	5.7
1950 to 1959 1949 or earlier	12 307 15 390	63 45	272 161	566 701	2 131 2 979	3 479 4 158	3 181 3 619	1 534 1 983	1 081 1 744	5.7 5.4 5.4
COMPLETE BATHROOMS			'		ļ					
1 and 1 1/2	33 970	152	520	1 738	6 561	10 284	9 023	3 725	1 967	5.3 6.8
2 or more Hone or also used by another household	8 952 817	49	17 90	82 116	315 243	1 111	2 287 151	2 153 26	2 987 16	4.1
VALUE-INCOME RATIO										
Specified owner occupied	35 542	40	164	902	4 889	9 899	10 181	5 100 1 875	4 367 1 324	5.7
Less than 1.5	13 862 7 645	8 16	71 9	346 95	1 956 720	4 172 2 031	4 110 2 410	1 284	1 080	5.6 5.9 5.9
2.0 to 2.9	6 928 6 809	6	5 79	144 275	753 1 398	1 678 1 934	2 030 1 602	1 138 749	1 174 766	5.4
Not computed	298	4	`_	42	62	84	29	54	23	5.0
B				5 074	7 751	4 837	2 525	1 023	579	4.1
Renter occupied housing units Units with 1 or more bathrooms and	24 518	783	1 946	3 0/4	, ,,,	1 400	1	, , ,		
complete kitchen facilities for exclusive use, and direct access	23 302	440	1 628	4 736	7 621	4 780	2 537	1 019	541	4.1
PERSONS										
) person	6 116	646	1 262	2 206	1 379	339 1 447	193 461	52 89	39 26	3.0 3.9
2 persons	7 858 4 206	112 3	557 81	2 088 566	3 078 1 756 1 000	1 086	451	191 230	72 107	4,3 4,9 5,4 5,6
4 persons	3 099 1 770	22	14 18	149 39	1 348	925 558	652 406	242	159	5.4
6 persons or more	1 469 2.3	1.1	14 1.3	26 1.7	190 2.3	482 3.1	362 3.7	219 4.3	176 4.8	3.6
PLUMBING FACILITIES BY PERSONS PER ROOM									1	İ
With all plumbing facilities	23 961	551	1 833	4 990	7 656	4 824	2 514 1 094	1 023 332	570 305	4.1
0.50 or less 0.51 to 1.00	11 218 11 089	442	1 159 557	2 161 2 622	4 381 2 737	1 786 2 556	1 285 129	636	254	4.0 4.2 4.4 3.0 1.9 2.9 1.2
1.01 to 1.50	1 291	109	71 46	149 58	467 71	427 55	6	37 18	11	3.0
1.51 or more	557	232	113 103	84 45	9 5 76	13	11 11	-	9	2.9
0.50 or less 0.51 to 1.00 1.01 to 1.50	244 268	204	10	45 32	19	13	-		-	1.2
1.51 or more	10 35	28	-	7	_		-	-	-	
BEDROOMS										
Hone	1 196 7 274	842	310 1 641	44 4 652	836	123	22	_ [-	1.2 2.9
2	9 970	-		602	6 498 85	2 276 2 420	558 2 029	36 999	634	4.2 5.8
3 or more	6 167	-	-	,	"	2 410	• • • •	,,,,	Ì	
YEAR STRUCTURE BUILT	847	26	84	188	294	150	65	32	8	3.9 3.9
1969 to March 1970	7 812	201	678	1 782 838	2 834 1 722	1 426 1 091	672 528	149 199	70 123	4.2 4.2
1950 to 1959 1949 or earlier	4 992 10 867	125 431	366 818	2 266	2 901	2 170	1 260	643	378	4.2
COMPLETE BATHROOMS									205	4.1
1 and 1 1/2	22 659	496	1 694	4 731 35	7 574 82	4 627 165	2 374 172	828 191	335 206	4.1 6.3
2 or more	863 996	12 259	240	192	221	50	7	-	27	2.5
GROSS RENT AS PERCENTAGE OF INCOME										4.0
Specified renter occupied?	23 575	774 79	1 928 85	5 009 303	7 578 377	4 578 215	2 261 200	942 45	505 38	
Less than 10 percent	1 342 3 397	75	160	663 635	1 110 1 383	806 962	389 552	95 238	99 104	4.2
15 to 19 percent 20 to 24 percent	4 108 3 065	69 62	165 224	498	1 120	638	308	163 108	52 74 87	4.0 4.2 4.4 4.2 4.0 3.6 4.1
25 to 34 percent 35 percent or more	3 440 6 933	106 332	299 879	727 1 956 227	1 088 2 106	705 1 007	333 375	191	87) 51	3.6 4.1
Not computed	1 290	51	116	227	394	245	104	102	31	311

*Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

		Owner oc	cupied					Renter oc	cupled			
The SMSA	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile hame or trailer
All occupied housing units	43 739	39 073	1 117	3 549	24 518	13 424	2 406	1 428	2 040	2 133	2 561	514
ROOMS				į								
1 room	200 655 2 011 7 132 11 595 11 325 5 781 5 040 5.5	53 205 1 046 5 356 10 710 11 033 5 707 4 963 5.7	67 51 114 348 276 152 42 67 4.4	80 399 851 1 428 609 140 32 10 3.8	783 1 946 5 074 7 751 4 837 2 525 1 023 579 4.1	139 486 1 461 3 789 3 747 2 322 935 545 4.7	29 145 449 1 065 518 113 61 26 4.0	76 171 514 541 98 14 9 5	141 315 836 624 91 22 11 -	169 341 703 755 142 16 7 —	202 376 977 791 191 21 - 3 3.2	27 112 134 186 50 17 -
PLUMBING FACILITIES BY PERSONS PER ROOM				j								
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	43 224 22 739 18 494 1 664 327 515 246 191 37 41	38 645 20 384 16 576 1 453 232 428 209 152 32	1 097 697 372 17 11 20 10	3 482 1 658 1 546 194 84 67 27 29 5	23 961 11 218 11 089 1 291 363 557 244 268 10 35	13 213 5 439 6 529 1 009 236 211 119 71 10	2 387 1 222 1 071 73 21 19 11 8 -	1 394 687 617 61 29 34 19 10	1 923 980 889 38 16 117 43 63	2 028 1 069 881 45 33 105 26 76	2 521 1 547 922 29 23 40 12 23 - 5	495 274 180 36 5 31 14
REDROOMS												
None	284 2 600 13 770 19 776 7 335	111 1 779 11 190 19 009 7 217	44 289 497 166 100	129 532 2 083 601 18	1 196 7 274 9 970 4 436 1 731	310 2 234 5 531 3 927 1 571	42 619 1 313 328 139	66 499 604 38 -	204 944 750 - 21	240 1 327 802 19	334 1 440 784 96	211 186 28
YEAR STRUCTURE BUILT												
1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	1 740 6 237 8 065 12 307 7 744 7 646	1 257 4 938 6 869 11 251 7 505 7 253	42 217 213 183 132 330	441 1 082 983 873 107 63	847 3 831 3 981 4 992 4 850 6 017	184 970 1 622 3 339 3 428 3 881	111 479 599 427 346 444	71 167 222 219 268 481	70 310 332 279 462 587	187 677 502 244 174 349	187 1 132 612 266 118 246	37 96 92 218 54 29
INCOME IN 1969												
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	2 595 9 481 12 587 6 457 1 666	2 738 1 635 1 496 1 449 1 704 2 179 8 469 11 663 6 114 1 626 \$10 000	133 118 77 86 94 91 158 205 140 15 \$6 600	428 245 278 238 234 325 854 719 203 25 \$7 100	4 633 2 329 2 006 1 837 1 935 1 956 5 294 3 258 1 029 241 \$5 800	1 794 1 066 895 937 1 081 1 264 3 319 2 210 690 168 \$6 700	343 202 186 116 211 201 611 406 100 30 \$6 700	350 175 151 131 149 84 220 132 36 - \$4 300	597 269 206 194 140 110 353 122 39 10 \$3 700	609 250 192 168 153 117 362 178 95 9	834 277 317 223 156 126 348 193 63 24 \$3 500	106 90 59 68 45 54 81 17 6
YEAR MOVED INTO UNIT												
1969 to March 1970 1968	6 659 3 981 3 268 5 978 10 019 8 956 4 878	5 373 3 360 2 732 5 206 9 059 8 616 4 713	190 109 134 126 234 205 132	1 096 512 402 646 726 135	15 204 3 459 1 807 1 648 1 199 782 419	7 742 1 960 1 105 1 047 698 550 324	1 594 247 222 135 129 50 8	1 038 192 79 81 67 27 26	1 434 258 97 88 98 59 32	1 526 247 91 83 74 23	1 529 497 157 185 115 39 14	341 58 56 29 18 34
Specified renter occupied'		•••			23 575	12 481	2 406	1 428	2 040	2 133	2 561	526
ess than \$50 50 to \$59 ,60 to \$69 \$70 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more No cash rent Median					1 014 1 000 1 040 1 462 3 947 4 440 5 626 3 410 658 38 940 \$113	332 370 539 806 2 132 2 514 2 706 1 865 468 19 730 \$113	48 53 82 168 285 415 746 495 69 - 45 \$125	31 143 91 156 447 277 180 92 5 - 6	110 216 160 164 448 327 399 183 11 6 16 \$96	99 102 66 54 251 365 772 384 34 6 \$125	310 87 67 69 277 478 781 386 63 13 30 \$119	8/ 29 35 45 107 6/ 42 8 107
HEATING EQUIPMENT					• • •	**	T	∓ √⁻¹	T/0	4.20	#***	***
Steam or hot water	885 10 725 20 003 2 593 9 496 37	814 8 503 18 750 2 440 8 539 27	71 327 534 35 150	1 895 719 118 807 10	1 230 2 571 12 657 1 287 6 721 52	180 1 494 5 352 1 005 5 363 30	53 279 1 620 115 333 6	71 125 860 65 301 6	156 238 1 290 47 304 5	226 92 1 660 16 134 5	544 178 1 749 29 61	165 126 10 225
AIR CONDITIONING							-	Ţ	Ť	7		
Room unit(s) Central system None AUTOMOBILES AVAILABLE	2 284 910 40 545	1 749 515 36 795	107 24 999	428 371 2 751	822 336 23 360	312 109 13 005	74 21 2 290	71 23 1 416	50 31 1 985	45 13 1 986	211 111 2 214	55 26 464
1	18 807 17 923 4 561 2 448	16 235 16 515 4 285 2 024	557 344 69 160	2 015 1 064 207 264	13 640 5 965 1 271 3 642	7 150 3 991 932 1 353	1 339 701 96 249	988 235 34 253	1 272 223 53 518	1 185 334 68 457	1 371 356 78 731	335 125 10 81

*Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

, (C	ata based on	sample, see tex		One-person households								
	-	M	Two-or-more-person households Male head, wife present, no nonrelatives Other male head							head		
The SMSA	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	43 739	892	6 304	8 132	15 366	5 063	910	181	1 820	460	2 024	2 587
Plumbing FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50	43 224 22 739 18 494 1 664 327 515	877 367 484 21 5	6 273 1 436 4 248 522 67 31	8 107 1 570 5 731 691 115 25	15 244 8 973 5 866 315 90 122	4 970 4 078 854 22 16 93	895 403 443 25 24	177 137 40 - - 4	1 799 1 103 618 68 10 21	455 355 100 - - 5	1 936 1 884 52 — 88	2 491 2 493 58 - 96 87
Locking some or all plumbing facilities	246 191 37 41	10	16 - 6	- 4 14 7	39 65 8 10	38 37 6 12	5 4 - 6	- 4 - -	17 4 -	5 -	68 20 	- - -
UNITS IN STRUCTURE 1	39 073 1 117 3 549	655 11 226	5 742 98 464	7 715 97 320	14 014 289 1 063	4 373 210 480	808 21 81	144 14 23	1 646 32 142	428 14 18	1 498 107 419	2 050 224 313
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,099 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 ar more Median	3 299 1 998 1 851 1 773 2 032 2 595 9 481 12 567 6 457 1 666 \$9 600	17 40 47 67 96 118 320 150 27 10 \$7 600	95 45 56 43 217 372 2 136 2 464 699 177 \$10 400	125 45 37 59 148 312 1 835 3 367 1 702 502 \$12 200	273 231 194 358 553 592 3 314 5 298 3 422 798 \$11 700	459 689 834 643 495 389 681 509 281 83 \$4 900	80 21 32 28 51 36 268 272 88 34 \$9 300	19 48 35 18 4 19 15 11 12 - \$3 700	284 183 131 170 196 144 327 235 118 32 \$5 700	114 64 71 29 20 11 81 22 38 10 \$3 700	440 153 210 223 158 170 404 190 61 15 \$4 900	1 393 479 204 135 94 99 100 69 9 5
VALUE-INCOME RATIO Specified owner occupied¹ Less than 1.5 1.5 to 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more Not computed	35 542 13 862 7 645 4 606 2 322 2 446 4 363 298	635 177 180 106 63 69 40	5 484 2 169 1 598 999 334 192 170 22	7 066 3 176 1 963 985 398 280 246 18	12 540 6 591 2 785 1 455 533 570 558 48	3 870 684 528 467 511 613 1 058	689 257 103 129 48 70 72	128 23 5 4 10 30 56 -	1 509 352 144 180 133 191 461 48	397 67 52 47 36 34 156 5	1 382 285 180 166 134 162 375 80	1 842 81 107 68 122 235 1 171 58
Renter occupied housing units	24 518	3 251	5 185	1 996	2 179	848	1 896	47	2 816	184	4 241	1 875
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	23 961 11 218 11 089 1 291 363 557 244 268 10 35	3 221 1 153 1 977 87 4 30 6 14	5 159 1 216 3 298 522 123 26 — 16	1 984 269 1 258 374 83 12 8 4	2 154 997 1 025 106 26 25 11 9	839 566 260 5 8 9 5 4	1 871 765 990 51 65 25 11 5	47 24 23 - - - - -	2 788 816 1 781 146 45 28 5 12	184 140 35 - 9 - -	3 969 3 638 331 	1 745 1 634 131 - 130 79 51 -
UNITS IN STRUCTURE 1 2 to 4 5 to 19 20 or more Mobile home or trailer	13 424 3 834 4 173 2 561 526	1 768 584 543 290 66	3 491 923 545 178 48	1 684 184 62 45 21	1 569 245 158 127 80	517 103 80 116 32	901 266 485 223 21	22 4 11 10 -	1 396 447 607 324 42	72 27 36 39 10	1 327 804 1 359 599 152	677 247 287 610 54
GROSS RENT Specified renter occupied? Less than \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$80 to \$79 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$199 \$200 to \$199 \$200 to \$199	23 575 1 014 1 000 1 040 1 462 3 947 4 440 5 626 3 410 658 940	3 152 22 65 77 158 655 918 939 264 22 - 32	4 972 44 193 131 168 757 980 1 467 979 156	1 828 21 24 41 58 230 320 479 480 109 4 62	2 013 43 71 45 97 277 287 444 436 97 9	803 108 51 73 47 116 106 107 68 10 13	337 508 455 101 12	42 8 	2 745 47 70 123 236 473 510 739 424 84	175 13 18 10 13 27 32 17 17 - - 28	4 163 298 265 378 473 882 757 707 219 51 —	1 830 403 201 146 141 276 185 208 68 18 -
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME Specified renter occupied? Less than \$5,000 Less than 20 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed 55,000 to \$9,999 Less than 20 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed 45,000 to \$9,999 Less than 20 percent 25 to 34 percent 25 to 34 percent 25 to 24 percent 25 percent or more Not computed \$10,000 to \$14,999 Less than 20 percent 20 to 24 percent 25 percent or more Not computed \$15,000 or more Less than 20 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 percent	4 504 2 159 1 611 192 285 3 115 2 751 239 36 89 1 211 1 176	49	4 972 778 50 61 218 415 34 2 688 1 408 712 465 43 60 1 234 1 108 88 89 29 27 272 272	1 828 108 -5 9 72 22 848 443 219 140 10 36 588 502 70 -6 16 284 280	2 013 359 300 41 81 136 71 815 453 181 95 42 430 364 21 4 4 41 409 388 ——————————————————————————————————	803 457 457 45 78 124 1355 75 242 118 46 14 28 27 72 55 - 17 7	1 232 4 33 91 982 122 453 154 80 185 29 5 131 114 11 6 36	42 32 4 10 5 5	2 745 2 037 47 69 232 1 567 122 586 219 164 167 27 9 101 84 17	175 115 115 115 115 115 115 115 115 115	208 20 -	1 830 1 617 61 83 197 1 071 205 1 68 61 39 43 6 19 23 23

*Limited to one-family homes on less than 10 acres and no business on property. **2Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]												
The SMSA	Total	l person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median		
Owner occupied housing units	43 739	4 611	14 335	7 191	8 003	5 183	2 829	1 091	496	2.9		
BEDROOMS None and 1	2 884 13 770 19 776 7 335	1 174 2 413 811 234	1 258 6 945 4 804 963	253 2 423 3 994 813	124 1 079 5 347 1 290	18 460 3 068 1 603	38 334 1 253 1 430	49 423 685	19 67 76 317	1.7 2.1 3.6 4.7		
YEAR STRUCTURE BUILT 1969 10 March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	1 740 6 237 8 065 12 307 7 744 7 646	93 380 525 1 332 954 1 327	512 1 733 2 233 4 037 2 845 2 975	275 1 065 1 356 2 159 1 281 1 055	410 1 469 1 932 2 207 1 118 867	254 861 1 159 1 498 761 650	87 497 556 733 496 460	81 169 201 232 203 205	28 63 103 109 86 107	3.5 3.4 3.4 2.9 2.6 2.3		
UNITS IN STRUCTURE 1 2 or more	39 073 1 117 3 549	3 548 331 732	12 300 436 1 599	6 502 161 528	7 502 127 374	4 986 37 160	2 726 15 88	1 026 10 55	483 - 13	3.1 2.0 2.2		
COMPLETE BATHROOMS 1 and 1 1/2	33 970 8 094 858 817	4 042 301 32 236	11 853 2 079 149 293	5 671 1 378 51 74	5 856 1 859 264 45		1 861 702 178 41	717 267 64 29	328 137 15 19	2.7 3.7 4.2 2.1		
HOUSEHOLD COMPOSITION Two-or-mere-person households Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Under 65 years 55 years and over Female head Under 65 years Under 65 years 65 years and over Gesperson dover Gesperson dover	39 128 35 757 892 6 304 8 132 15 366 5 063 1 091 910 181 2 280 1 820 460 4 611		14 335 12 704 335 634 566 6 793 4 376 496 348 148 1 135 830 305	7 191 6 412 276 1 024 808 3 844 460 230 201 29 549 447 1 102	8 003 7 532 211 2 288 2 383 2 518 132 170 166 4 301 275 26	4 936 53 1 452 2 160 1 226 45 74 74 - 173 151	2 829 2 670 12 634 1 418 590 16 82 82 - 77 72,	1 091 1 058 208 577 249 9 9 9 24 24 24	496 445 5 64 220 146 10 30 30 - 21 21	3.2 3.3 2.9 4.2 4.6 2.7 2.1 2.7 3.0 2.1 2.5 2.7 2.3 1.0		
VALUE-INCOME RATIO Specified ewner occupied¹ Less than 1.5. 1.5 to 1.9. 2.0 to 2.4. 2.5 to 2.9. 3.0 to 3.9. 4.0 or more Not computed	13 862 7 645 4 606 2 322 2 446 4 363	3 224 366 287 234 256 397 1 546 138	3 830 2 061 1 349 904 1 094 1 782	1 336 749 312 326 386	6 870 3 005 1 835 1 044 390 260 290 46	2 012 1 191 717 240 218 181	2 468 1 156 622 366 130 92 98	925 447 206 123 47 54 48	425 214 107 24 43 5 32	\$.1 3.5 3.6 3.5 2.5 2.3 1.9 1.6		
Renter occupied housing units	24 518	6 116	7 858	4 206	3 099	1 770	820	423	226	2.3		
BEDROOMS None	7 274 9 970	892 3 495 1 437 350	3 070	492 2 398	48 162 1 583 1 458	38 525	- 119 605	17 27 343	- 21 87	1.2 1.5 2.4 3.9		
YEAR STRUCTURE BUILT 1949 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	3 831 3 981 4 992 4 850	23 1 036 848 1 08 1 06 1 850	5 1 482 3 1 403 4 1 455 7 1 361	669 767 961 877	90 336 512 725 752 684	212 2 315 400 2 404	89 190 233	97	13 12 5 38 59 99	2.3		
UNITS IN STRUCTURE 1	2 406 1 428 2 040 2 133 2 561	84: 1 20	884 551 823 847 9 934	483 214 276 312 299	307 124 99	7 137 4 38 9 24 5 28 9 19	11 4 12 6 5	7	218 8 	2.2 1.9 1.6 1.8		
COMPLETE BATHROOMS 1 and 1 1/2 2 or more	- 22 659 - 863	7.	3 23	119	184	4 121			204 43 21	3.5		
HOUSEHOLD COMPOSITION Twa-er-more-person households Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years and over Female head Under 65 years 65 years and over 65 years head	- 18 402 - 13 459 - 3 251 - 5 185 - 1 996 - 2 179 - 848 - 1 943 - 1 943 - 3 000 - 2 816 - 1 184		. 7 851 5 33 1 864 1 466 214 1 000 77: 1 1 12 1 08: . 3	8 4 206 2 955 3 983 4 1 186 9 228 7 533 3 31 4 419 2 419 9 - 828 7 807 7 807	3 099 2 355 277 1 322 466 27 2 266 25 474 474	9 1 534 102 5 751 0 477 5 1 197 5 14 2 76 4 78 8 158 8 158	697 15 284 327 66 5 47 47 47 76	369 5 119 176 69 11 11 		3.0		
GROSS RENT AS PERCENTAGE OF INCOM Specified renter occupied? Less that Opercent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	23 575 1 342 3 397 4 108 - 3 065 - 3 440 - 6 933	27 49 56 59 94 2 69	7 44 0 1 27 4 1 21 4 95 1 1 08 7 2 20	4 222 5 554 3 856 5 576 3 606 5 1 053	2 23 54 54 5 72 5 39	1 75 8 287 7 456 8 303	46 126 185 133	36 87 62 94 48	1 3 4 1 4	2. 2. 5. 2. 2. 2. 4.		

*Limited to one-family homes on less than 10 acres and no business on property. ** *Excludes one-family homes on 10 acres or mare.

Table A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more	The SMSA	Total	Less than 2 months	2 up to 6 months	ó months or more
Vacant for sale	404	147	167	90	Vacant for rent	1 311	798	362	151
ROOMS					ROOMS				
1 to 3 rooms	7 63 133 105 96	3 19 50 64 11	4 37 59 33 34	7 24 8 51	1 room	69 146 329 402 217	26 87 203 262 143	23 34 85 106 58	20 25 41 34
PLUMBING FACILITIES					7 rooms or more	92 56	39 38	43 13	10
With all plumbing facilities Lacking some or all plumbing facilities	391 13	147	163 4	81 9	PLUMBING FACILITIES				
BEDROOMS	,,,	15			With all plumbing facilities Lacking some or all plumbing facilities	1 255 56	761 37	343 19	151
None and 1	15 100 172 97	15 34 72 47	51 33 34	15 67 16	BEDROOMS				
YEAR STRUCTURE BUILT					None	66 432 698	29 258 437	21 109 197	16 65 64
1969 to March 1970	45 148 96 115	14 50 48 35	6 69 40 52	25 29 8 28	3 or more	230	122	80	28
UNITS IN STRUCTURE		ĺ			1969 to March 1970	76 504	50 335	22 105	4 64
12 or more	390 14	138	162 5	90 -	1950 to 1959 1949 or earlier	246 485	140 273	82 153	24 59
HEATING EQUIPMENT					UNITS IN STRUCTURE			ĺ	
Steam or hot water	15 59 266 12 52	6 30 81 12 18 -	9 12 118 - 28	17 67 - 6	1	578 204 162 168 199	302 128 100 136 132	212 52 35 21 42	64 24 27 11 25
SALES PRICE ASKED			[RENT ASKED		[1
\$pecified vecent for sele* Less shon \$5,000 \$5,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$35,000 or more Median price asked	378 	132 - 15 32 38 31 8 8 - \$17 500	156 	90 - 17 9 18 19 10 6 11	Specified vocant for rent?	1 301 94 59 262 319 238 198 94 37 \$95	793 70 19 106 200 190 138 56 14	357 15 27 113 85 31 50 28 8 8	151 9 13 43 34 17 10 10 15 \$86

1Limited to ane-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA		·	Sales price a	sked - Vacan	t for sale			Rent asked Vacant for rent?						
	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 pr more
Total	378	60	80	107	58	31	42	1 301	153	262	319	436	94	37
PLUMBING FACILITIES														
With all plumbing facilities Lacking some or all plumbing facilities	332 21	30	66 21	119	49 -	34	34	1 398 28	159 14	290	393 14	403 	75 ~	78 _
BEDROOMS														
None and 1	84 172 97	30 	- 71 16	21 67 31	15 34	- - 34	18 16	498 698 80 150	61 98 - 14	169 73 28 20	158 184 36 29	64 280 59	47 - 28	46 16 16 -
YEAR STRUCTURE BUILT							İ							
1969 to March 1970	45 138 86 109	21 9 30	6 26 17 31	6 59 30 12	4 15 14 25	11 9 8 3	16 8 8 8	76 504 241 480	4 29 31 89	5 75 56 126	12 110 64 133	35 231 65 105	9 33 25 27	11 26
UNITS IN STRUCTURE							l							
1 2 to 4 5 to 19 20 or more	•••		•••	•••	•••			568 204 330 199	91 24 26 12	156 47 39 20	155 54 99 11	113 55 137 131	50 5 29 10	19 15
INCLUSION OF UTILITIES IN RENT														
All utilities included Some or no utilities included		•••	•••		•••		:::	170 1 131	44 109	45 217	20 299	52 384	9 85	37

*Limited to one-family homes on less than 10 acres and no business on property.

*Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

Į.	Data based on	sample, see te	xt. For minin	num base for	derived figure	s (percent, me	edian, etc.) and	meaning of s	ymoois, see t	exij		
Eugene	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Median (dollars)
Specified owner occupied	12 432	105	277	573	1 323	1 622	3 684	2 153	1 806	718	171	18 000
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 7 rooms 8 rooms or more Median	54 159 1 455 3 111 3 426 2 079 2 148 5.9	14 29 24 24 9 5	18 74 96 59 25 5 4.0	5 20 233 224 58 22 11 4.6	23 472 502 229 74 23 4.8	- 9 310 617 469 178 39 5.3	6 260 1 172 1 443 513 290 5.8	6 39 313 768 639 388 6.4	5 4 21 159 349 485 783 7.3	 26 67 149 476 7.5+	 15 9 9 138 7.5 +	6 700 12 000 15 500 18 300 21 900 29 100
PERSONS 1 person	1 259 3 955 2 081 2 369 1 491 1 277 3.0	43 30 13 5 - 14 1.8	68 144 10 10 29 16 2.0	173 201 101 56 14 28 2.1	249 542 227 175 49 81 2.3	218 670 242 230 163 99 2.4	298 1 124 654 674 532 402 3.1	103 508 452 615 255 220 3.5	97 494 259 386 271 299 3.6 40	10 203 93 167 165 80 3.8	39 30 51 13 38 3.8	13 600 16 700 18 100 20 300 19 600 20 000
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.50 to 1.00 1.01 to 1.50 1.51 or more	12 380 7 196 4 852 290 42 52 37 15	100 63 19 14 4 5 - 5	261 171 74 10 6 16 11 5	560 359 192 5 4 13 8	1 319 855 416 44 4 4 	1 618 1 021 549 48 - 4 4	3 678 1 872 1 676 121 9 6 6 6	2 149 1 105 1 009 24 11 4 4	1 806 1 105 673 24 4 - - -	718 516 202 - - - - -	171 129 42 - - - - -	18 000 17 900 18 300 15 700
BEDROOMS None and 1	342 3 418 6 069 2 713	54 34 27	151 185 93	20 404 52 38	20 938 370 116	19 721 945 224	22 900 2 089 523	37 117 1 391 397	19 77 824 841	- 42 241 428	- 37 146	13 000 18 800 25 700
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	370 1 415 2 180 4 229 2 137 2 101	- 5 5 21 33 41	14 36 97	13 108 185 267	20 30 463 399 411	44 115 736 392 335	77 265 806 1 510 620 406	81 372 566 720 204 210	145 452 428 457 140 184	47 225 157 150 52 87	20 32 46 28 15 30	26 900 25 000 20 900 17 200 14 800 14 000
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more	8 378 3 489 447 77	88 - - 14	180 - - 28	566 21 - 18	1 252 43 - 6	1 499 73 -	3 073 620 19	1 160 1 017 7 6	464 1 238 119 -	72 418 217	24 59 85	15 900 24 900 40 400
HOUSEHOLD COMPOSITION Two-er-mere-person households Mole head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Under 65 years 65 years and over Under 65 years 65 years and over One-person households Under 65 years 65 years and over	2 491 4 481 335 279 56 788 581 207 1 259 552	62 49 - 4 6 19 20 5 5 - 8 8 - 43 19	209 144 - 22 6 83 33 311 - 11 154 31 23 68 34	400 336 4 21 30 177 104 27 22 5 37 24 13 173 69 104	1 074 926 29 132: 142: 393 230 34 25 9 114: 75 39 249 97	1 404 1 261 23 217, 166 575 280 25 25 - 118 104 218 115	3 386 3 055 37 580 802 1 336 300 107 90 17 224 167 57 298 126	2 050 1 882 15 333 586 778 170 64 56 8 104 88 16 103 51	1 709 1 605 8 208 491 753 145 28 6 6 70 42 28 97 36	708 629 72 213 297 47 24 24 24 13 10 55	171 163 - 9 49 70 35 4 4 - 4 - 4	18 500 18 700 15 200 17 900 20 800 18 700 17 000 17 000 17 300 16 300 16 300 13 700 13 700 13 500
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$4,000 to \$6,999 \$7,000 to \$7,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	445 419 401 526 519 2 098 3 653 2 743 839	24 26 9 15 4 5 18 4 \$3 300	72 23 32 18 51 55 50 14 10	120 47 44 31 50 29 135 103 14 -	162 82 91 93 107 95 322 252 108 11 \$7 300	128 81 93 67 99 79 314 543 206 12 \$9 500	129 128 105 102 129 196 829 1 243 734 89 \$10 900	64 40 13 37 50 67 301 808 645 128 \$13 100	52 18 28 25 20 34 129 530 723 247 \$15 900	29 - 4 9 4 14 13 126 263 256 \$21 100	9 4 12 - 14 36 96 \$28 900	16 300 16 100 18 500 22 300 32 300
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959 1949 or earlier	- 1 672 - 1 011 - 906 - 1 672 - 2 866	6 - 6 - 14 36	15 14 - 22 20 71 66	61 18 32 46 129 188 131	130 70 54 127 273 372 275	167 115 81 163 325 493 233	450 294 321 550 921 851 325	357 215 178 323 566 412 139	329 185 169 290 408 316	122 94 53 126 165 104 43	35 6 12 25 45 35	19 900 19 300 19 300 18 600
HEATING EQUIPMENT Steom or hot water	- 3 604 - 6 384 - 725 - 1 268	12 23 5	- 10 74 37 156	- 86 207 65 210	5 251 543 231 293	12 482 756 184 188	98 1 064 2 129 172 221	90 713 1 270 20 60	166 558 1 039 11 32	50 343 296 29	25 85 47 14	19 400 18 700 12 800
AIR CONDITIONING Room unit(s) Central system None	- 708 - 202	-	-		1 6	85 18 1 474	166 26 3 520	91 13 2 086	153 92 1 576	44 39 624	19 8 141	18 900 29 100

'Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

	[Data based or	n sample, see	text. For mi	nimum base	tor derived t	igores (hercer	ii, inaalali, ol				1	T	
Eugene	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	or	No cash rent	Median (dollars)
Specified renter occupied	12 339	482	658	520	745	1 953	2 136	3 080	1 963	468	34	300	116
ROOMS		-		1									
1 room	608 1 425 3 188 3 731 1 952 802 424 209 3.7	193 91 159 32 3 4 2.0	82 141 272 134 18 11 - - 2.9	55 137 170 97 45 12 4 2.9	56 176 256 119 67 45 17 9	130 264 714 540 186 70 32 17 3.3	41 218 677 684 385 89 33 9	29 316 677 1 152 554 263 75 14 3.9	5 23 213 800 536 195 153 38 4.4	4 5 24 73 111 98 57 96	5 -	5 54 26 95 50 19 44 7 4.2	65 89 100 126 134 139 158 210
PERSONS						}						97	92
l person	3 892 4 417 1 981 1 144 566 339 2.0	424 41 9 8 - 1.1	315 196 89 53 5 	311 140 26 32 7 4 1.3	395 214 47 70 10 9 1.4	785 731 227 138 32 40 1.8	621 894 339 140 115 27 2.0	694 1 279 634 270 138 65 2,2 330	201 707 489 291 141 134 2.7	49 103 64 121 88 43 3.6	10 3 6 15	102 54 15 15 17 2.0	119 131 134 143 156
PLUMBING FACILITIES BY PERSONS PER ROOM]												
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking same or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	6 199 5 305 393 132 310 92 187	328 245 69 4 10 154 15 136	582 317 222 27 16 76 32 23 -	497 318 163 10 6 23 16 -	734 441 282 6 5 11 	65	2 136 1 090 938 85 23 	3 080 1 523 1 442 83 32 - -	1 958 891 976 76 15 5 5	468 205 234 29	34 20 6 - 8 -	281 175 93 8 5 19	117 113 121 119 113 50-
BEDROOMS]							19	_	18	24	68
Nane	926 4 372 4 904 2 131	211 191 -	105 190 245 -	175 208 172 73	41 301 127 92	211 931 647 142	1 040 830 175	1 106 1 692 475	319 894 675	29 198 337	[]	57 99 162	106 127 152
YEAR STRUCTURE BUILT	[]		ĺ		_		2.	127	169	53	_ [_[149
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	2 223 1 910 2 222 2 283	29 180 24 37 36 176	10 61 36 14 285 252	15 38 26 71 140 230	20 20 104 221 375	454	34 237 329 468 429 639	695 643 739 445 431	659 400 315 163 257	129 89 77 59 61	22 9 3 - -	35 49 55 51 110	138 130 122 99 95
ELEVATOR IN STRUCTURE		ĺ				İ	95	120	114	39		_	101
4 floors or more With elevator Walk-up 1 to 3 floors	. -	120 120 - 282	39 39 501	57 57 571	41 41 540	-	95 95 2 011	138 138 - 3 176	1 793	39 525	- 18	342	101
COMPLETE BATHROOMS				450	748	1 950	2 156	2 926	1 815	288	19	218	115 191
1 and 1 1/2 2 or more None or also used by another household	4141	341 11 154	564 126	459 41	5 28	6	19	38 14	137 7	142	24	27	54
INCOME IN 1969					Ì		450	543	413	82	6	68	101
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$5,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	1 300 1 169 1 035 938 736 2 127 1 397 479	273 88 29 52 	240 116 75 33 58 26 100 10 \$2 800	206 95 59 40 68 10 27 15 \$2 600	96 100 58 63 40 82 19	253 236 201 157 105 311 168 54	153 51 13	260 215 277 260 244 642 495 120 24 \$5 900	114 152 97 78 109 423 386 152 39 \$7 100	29 22 5 31 14 58 96 90 41 \$9 600	- - - - 19 4 5	30 35 39 33 4 50 36 - 5 \$4 400	99 106 110 111 120 124 139 152 174
YEAR MOVED INTO UNIT		į				ļ		0.006	1 499	358	28	72	120
1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959	922 923 823 499 341	233 78 50 94 33 12 6	316 171 72 56 38 37	290 62 34 52 20 22	112 56 70 61 50	342 124 104 118 68	144	2 025 397 264 180 63 41 8	241 127 57 21 14	38 8 19 7	15 	26 42 47 19 52 19	108 114 102 94 89
GROSS RENT AS PERCENTAGE OF													
INCOME Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	- 1 459 - 1 765 - 1 388 - 1 891 - 4 640	49 59 39 46 121 163 5	121 91 50 86 74 202 34	26 52 87 54 81 208	117 84 50 113 322	312 243 215 290 724	231	66 410 491 370 509 1 162 72	76 167 297 278 303 793 49	19 43 98 54 51 184	5 - 4 16 9 -	300	94 110 120 121 116 116 123
AIR CONDITIONING Room unit(s) Central system None	493 194	21 7 478	6 6 678	42 458	-	25	42 33 2 100	184 50 2 744	104 40 1 815	40 7 383	- 5 38	16 21 240	135 129 113

¹Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

	(Data based or	i sumple, see	TEXT. FOR HILL	inum base io	i denved ngor	es (percent, ii	iddidii, Cic., di	ia incaning of	aymbola, sec	10711		
Eugene	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to \$24,999	\$25,000 or more	Medion (dollars)
Owner occupied housing units	13 411	917	523	495	463	606	612	2 252	3 810	2 865	868	11 100
ROOMS 1 ond 2 rooms	214 266 1 730 3 318 3 538 4 345	38 84 221 311 153 110	11 28 179 163 109 33	20 38 155 128 99 55	24 16 111 145 85 82	37 33 135 196 96	12 5 147 197 124 127	20 39 349 587 682 575	25 14 295 951 1 201 1 324	16 5 133 555 814 1 342	11 4 5 85 175 588	5 400 3 600 6 400 9 700 11 800 14 100
PERSONS 1 person	1 600 4 344 4 645 1 521 1 301 313	583 192 120 22 - 56	194 263 50 11 5	147 274 57 13 4	121 245 83 10 4 24	122 340 119 7 18	75 307 159 45 26	196 780 811 249 216 39	120 944 1 650 602 494	32 799 1 282 359 393 53	10 200 314 203 141	3 200 9 100 12 800 13 400 13 800 7 900
BEDROOMS Less than 3	4 377 6 228 2 778	593 257 46	346 197	272 210 20	379 128 53	382 172 96	280 261 38	880 1 109 394	716 2 017 965	451 1 504 715	78 373 451	6 800 11 900 13 800
YEAR STRUCTURE BUILT 1969 to Morch 1970 1960 to 1968 1950 to 1959 1949 or earlier	438 3 908 4 461 4 604	6 141 238 532	4 69 142 308	5 65 137 288	5 57 149 252	10 95 128 373	38 153 178 243	87 548 814 803	146 1 325 1 409 930	78 1 120 1 001 666	59 335 265 209	12 200 13 100 11 600 8 100
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1960 to 1967 1959 or earlier	1 824 1 097 5 849 4 642	96 23 284 496	33 12 127 365	72 49 155 222	32 12 202 177	76 40 196 280	101 62 275 180	385 235 893 708	574 360 1 900 1 044	372 227 1 404 898	83 77 413 272	11 000 11 600 12 100 9 500
SELECTED CHARACTERISTICS Clothes dryer Dishwasher Home food freezer Owned secand home With air canditioning Room unit(s) Central system Automobiles available:	11 930 10 874 6 917 7 567 711 1 081 835 246	657 453 162 314 27 46 42 4	427 339 83 236 18 41 41	314 285 112 171 	392 274 108 146 94 30 24 6	516 441 200 342 20 35 35	490 453 193 330 40 40 26	2 190 1 978 853 1 269 35 146 120 26	3 553 3 361 2 361 2 505 104 318 268 50	2 489 2 426 2 038 1 593 252 280 190	902 864 807 661 121 119 75 44	11 400 11 600 13 700 11 900 15 700 12 800 12 200 16 200
1 2 3 or more	5 488 5 746 1 369	418 99 18	341 47 8	391 43 7	307 57 21	450 101 11	361 187 42	1 166 812 169	1 264 2 129 419	681 1 675 534	109 596 140	8 200 13 600 14 900
Renter occupied housing units	12 364	3 032	1 300	1 169	1 035	938	736	2 137	1 397	483	137	4 700
ROOMS 1 room	608 1 425 3 192 3 735 1 952 1 452	257 567 991 723 315	115 218 390 352 160 65	85 117 345 338 170	36 135 277 351 128 108	21 104 297 264 163 89	28 67 194 250 110 87	32 160 411 824 412 298	29 47 186 449 319 367	5 10 71 150 143 104	30 34 32 41	2 400 2 700 3 600 5 400 6 400 7 800
PERSONS 1 person	4 421 3 132 570 345	1 416 933 589 83 11	577 372 305 22 24	364 481 273 40 11	380 346 248 31 30 82	290 385 215 32 16 63	171 312 184 48 21	441 822 654 142 78	186 480 509 128 94	35 239 121 39 49	36 51 34 5 11	2 900 5 200 5 700 7 600 9 300 2000
BEDROOMS None 2 3 or more	926 4 372 4 922 2 131	357 1 444 924 243	322	227 388 414 149	375 435 163	70 361 366 173	224 262 98	88 535 1 114 458	37 332 773 538	19 97 173 135	- 44 139 46	2 800 3 400 6 000 7 700
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	4 150 2 222	95 1 037 453 1 447	23 370 215 692	50 361 205 553	26 341 186 482	20 251 166 501	22 259 154 301	98 751 389 899	84 494 317 502	19 222 105 137	15 64 32 26	6 500 4 900 5 300 4 200
YEAR MOVED INTO UNIT 1969 to March 1970	- 1 816 2 249	426 432	155 226	804 157 156 46	673 150 230 18	585 143 166 27	522 105 108 50	1 197 406 420 70	754 182 322 59	245 80 146 30	50 12 43 7	4 200 5 100 5 500 5 600
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	12 339 2 088 1 765 1 388 1 891	3 021 6 103 2 577	1 300 4 22 86 208 950	1 169 12 57 105 305 655	1 035 70 79 140 388 319	938 92 151 219 353 90 33	736 81 163 200 262 26	2 127 542 747 525 243 20 50	1 397 753 473 103 29 3	479 402 73 4 	137 132 - - - - - 5	4 704 11 600 8 600 6 700 4 800 2000 –
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer Owned second home With air conditioning Room unit(s) Central system	4 389 - 1 901 - 1 488 - 417 - 687	7 625 1 165 3 145 7 185 7 120 8 65	247 293 3 - 5 41 7 70	110	39 61 40	400 308 75 58 - 48 43	341 255 78 74 - 24 24	1 005 955 386 345 81 126 98 28	1 047 968 533 417 71 103 87 16	244 263 217 85 40 35	144 144 166 88 	2 600 5 100
Automobiles available: 1 2 3 or more	_ 2 425	33	159		659 195	658 148 41	503 188 23	1 381 531 76	737 448 81	231 222 42	39 55 11	5 100 7 200 4 500

Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

				l plumbing facili		Lacking some or all plumbing facilities 1.51 0.50 0.51 1.01					
Eugene]		0.50 or	0.51 to	1.01 to	1.51 or		or	to	to	1.5
	Total	Total	less	1.00	1.50	more	Total	less	1.00	1,50	mor
Owner occupied housing units	13 411	13 339	7 828	5 164	294	53	72	47	25		•
PERSONS i person	1 600	1 561 4 325	1 500 4 163	61	-	-	39 19	34 9	.5	-	
2 persons		2 170	1 396	156 765	5	6 4	9	4	10 5	_	
5 persons	2 466 1 521	2 461 1 521	561 208	1 900 1 286	12	15	5	~	5	-	-
6 persons or more	1 301	1 301 2.9	2.1	996 4.3	277 6.6	28	-	-	-	-	
Units with roomers, boarders, or ladgers		313	190	109	14					-	
YEAR STRUCTURE BUILT	1					ĺ					
1969 to March 1970	442	442	210	213	19	-1	-	-	-	-	_
1965 to 1968 1960 to 1964	1 556 2 375	1 556 2 367	749 1 215	787 1 116	20 22	14	8	_	8	-	-
1950 to 1959	4 542 2 192	4 524 2 161	2 487 1 394	1 862 724	164 43	11	18 31	18 11	20	-	_
1939 or earlier	2 305	2 286	1 727	503	40	16	19	12	7	-	
INCOME IN 1969		***				ļ	•		_		
Less than \$2,000 \$2,000 to \$2,999	523	893 512	771 458	122 54	_	-	24 11	19 6	5 5	-	_
\$3,000 to \$3,999 \$4,000 to \$4,999	495	486 459	410 374	76 80	- 5	-1	9 4	9 4	_		-
\$5,000 to \$5,999 \$6,000 to \$6,999	606	596 612	461 414	127 198	_	8	10	-	10	-	-
\$7,000 to \$9,999	1 2 252	2 242	1 198	988	.56	-1	10	5	5	_	~
\$10,000 to \$14,999 \$15,000 to \$24,999	3 810 2 865	3 806 2 865	1 697 1 573	1 954 1 179	135 98	20 15	4 -	4 ~	_	-	~
\$25,000 or more Median	868 \$11 100	868 \$11 100	472 \$9 600	386 \$12 400	\$13 200	10				-	-
	\$11.100	\$11 100	ψ, σου	ψ12 400	410 200		•••	•••	•••		
VALUE-INCOME RATIO Specified owner occupied		12 380	7 196	4 852	290	42	52	37	15	_	-
Less than 1.5	4 736 2 759	4 721 2 755	2 336 1 287	2 152 1 396	204 59	29 13	15 4	4	15	-	~
2.0 to 2.4	1 630	1 630	947	671	ĨŻ	-	8	8	-	-	-
2.5 to 2.9	830 865	822 859	575 673	247 176	10	-)	6	6	_	-	-
4.0 or more	1 493 119	1 474 119	1 274 104	195 15	5	-	19	19	-	-	-
HEATING EQUIPMENT											
Steam or hot water	531	531	306	213	12	19	<u>-</u>	~ 4	-		-
Warm-air furnace	3 933 6 735	3 929 6 711	2 402 3 727	1 454 2 811	54 153	20	24	14	10	-	-
Floor, wall, or pipeless furnace	762 1 445	757 1 406	463 925	267 419	17 58	10	5 39	5 24	15	-	-
None	5	5	5	-	~	-	-		-	-	-
Reater occupied housing units	12 364	12 054	6 207	5 312	403	132	310	92	187	_	31
PERSONS											[
1 person	3 896	3 639	3 296	343 1 731	-	63	257 43	87 5	170 17	-	21
3 persons	4 421 1 981	4 378 1 981	2 584 273	1 647	58	3	3	ž	-	-	
4 persons	1 151 570	1 148 563	35 19	1 022 400	81 121	10 23	3 7	-	_	-	3 7
6 persons or more	345 2.0	345 2.0	1.4	169 2.9	143 5.0	33 3.5	1,1		1.1	_	
Units with roomers, boarders, or lodgers	1 116	1 116	297	764	33	22	-	-	-	-	-
YEAR STRUCTURE BUILT						[[
1969 to March 1970	418	418	234	163	21 20	37	=	_	_	_	- 1
1965 to 1968	2 158 2 009	2 158 2 000	1 215 953	886 946	81	20	9	9	_	-	-
1950 to 1959 1940 to 1949	2 246 2 180	2 217 2 144	1 090 1 104	1 019 926	84 100	24 14	29 36	4 22	25 14	-	ءَ ا
1939 or earlier	3 357	3 100	1 670	1 327	64	39	257	73	163	-	21
INCOME IN 1969				1 000	En	20	138	41	81	_	16
Less than \$2,000 \$2,000 to \$2,999	3 032 1 300	2 894 1 239	1 603 662	1 203 531	50 33	38 13	61	31	30	-	10
\$4,000 to \$4,999	1 169 1 035	1 138 1 003	586 584	508 384	28 30	16	31 32	10	21 22	-	~
\$3,000 to \$5,999	938	921	472	429 348	20 40	10	17 13	5	7 13	-	5
\$5,000 to \$6,999 \$7,000 to \$9,999	736 2 137	723 2 124	325 1 033	991	85	15	13	- 5	13	-	-1
\$10,000 to \$14,999 \$15,000 to \$24,999	1 397 483	1 392 483	592 253	715 163	62 55	12	5 	-	Ξ	_	-
\$25,000 or more	137 \$4 700	137 \$4 800	97 \$4 400	40 \$5 100	\$7 000	\$3 900	\$2 300		\$2 400	-]
GROSS RENT AS PERCENTAGE OF INCOME	44 700	Ψ+ 000	7	44	•	, l					1
Specified renter occupied?	12 339	12 029	6 199	5 305	393	132	310	92 5	187 31	-	31
Less than 10 percent	629 1 459	593 1 427	299 692	247 648	37 59	10 28	32	5	19	-	8
20 to 24 percent	1 765 1 388	1 743 1 353	828 651	862 606	49 86	10	36 32 22 35 63	5 10	17 18	-	7
20 to 34 percent	1 891	1 828	1 014	739 1 996	59 89	16 53	63 86	30 16	33 59	-	11
35 percent or more	4 640 567	4 554 531	2 416 299	207	14	រ័រ	36	21	10	-	5
HEATING EQUIPMENT	1										14
Steam or hot water	1 098	1 041 1 324	723 754	292 530	11 37	15 3	57 64	15	43 49	_	-1
DVIII-IN Electric units	7 004	6 948	3 369	3 273	243 8	63	56 10	14	35 5	_	7 5
Floor, wall, or pipeless furnace	608 2 241	598 2 123	279 1 071	304 904	104	44	118	63	50 5	-	5
None	25	20	11	9	-	-	5		3		لتـــــــــــــــــــــــــــــــــــــ

^{*}Elimited to one-family homes on less than 10 acres and no business on property. *Excludes one-family homes on 10 acres or mare.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	[Data based on se	ample, see text.	For minimum ba	se for derived tig	ures (percent, n	realan, etc.) and	meaning or symb	112' 266 (GYI)		
Eugene	Total	l room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	13 411	76	138	266	1 730	3 318	3 538	2 134	2 211	5,8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	13 275	63	95	223	1 729	3 334	3 523	2 059	2 249	5.8
PERSONS	1 600	66	62	128	443	519	210	123 500	49 288	4.7
2 persons	4 344 2 179	6 4	60 5	106 l 28	903 219 135	1 334 523 506	1 147 718 727	380 537	302 561	5.3 5.9 6.3
4 persons 5 persons 6 persons or more	2 466 1 521 1 301	i [1	11	4	12 18	257 179	434 302	360 234	443 568	6.6 7.1
Median	2.8		1.6	1.5	2.0	2.4	3.1	3.6	4.3	111
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	13 339	71	122	255	1 707	3 318	3 530	2 130 999	2 206 1 403	5,8 5.8
0.50 or less 0.51 to 1.00	7 828 5 164	61	51 55 5	122 129	1 333 344 24	1 853 1 286 161	2 067 1 385 78	1 106 21	798 5	6.0 5.2
1.01 to 1.50 1.51 or more Locking some or all plumbing facilities	294 53 72	10 5	11 16	11	6 23	18	8	4	_ 5	:::
0.50 or less 0.51 to 1.00	47 25	5	11 1	6 5	13 10	_	8 -		5 ~	***
1.01 to 1.50 1.51 or more	<u>-</u> !		-		-	-	-	-	-	-
BEDROOMS	618	60	176	209	135	19	19	_	J	2.8
None and 1	3 759			74	1 517 37	1 612 1 625	2 876	60 1 249	36 441 1 613	4.7 6.0 7.5+
4 or more	2 778	-	-	-		55	265	845	1 613	Fair 7
YEAR STRUCTURE BUILT 1969 to March 1970				- 20	25 208	85 697	109 1 113	94 760	125 970	6.5 6.3
1960 to 1968	. 4 461	5	42		614 883		1 257	642 638	527 589	5.7 5.5
COMPLETE BATHROOMS			- 1						551	
1 and 1 1/22 or more	_ 4 147	'I	_ 10		1 621 114			1 084 983	551 1 698	5.4 7.1
None or also used by another household VALUE-INCOME RATIO	1111	15	13	27	39	-	11			
Specified owner occupied'	12 432				1 455 537	3 111 1 211	3 426 1 457	2 079 761	2 148 670	5.9 5.9 6.1
Less than 1.5 1.5 to 1.9 2.0 to 2.9	1 2 759	9 5	5 4	15 13	208 221	651 521	795 627	555 442	526 636	6.3
3.0 or more	2 358	8 -			465 24	692 36		294 27	312 4	5.4 5.1
b over constal bandon noise	10 24	4 608	8 1 425	3 192	3 735	1 952	819	424	209	1.0
Renter occupied housing units Units with 1 or more bathrooms and complete kitchen facilities for exclusiv	l.	1 000	3 1 720						611	2.0
use, and direct access		1 34	1 1 260	3 066	3 699	1 987	808	409	211	3.8
PERSONS 1 person	3 896	6 5]:			733			31 42	7 26	2.9 3.7
2 persons 3 persons 3	- 4 42 1 98	1] :	3 58	320	1 626 847 377	480	164	79 104	30 35	4.2 4.8
4 persons 5 persons 6 persons or more	570 345	5	_ 12	- 6	121	166 87	103	92 76	58 53 4.6	[0.6
Median	2.0		1 1.3	1.6	2.2	2.7	3.5	4.1	4.0	' '''
With all plumbing facilities	12 054				3 725			424 152	209 117	3.8
0.50 or less	5 31:	2 34	3 431 - 58	1 620	2 349 1 224 137	1 972	375	255 11	92	3.7
1.51 or more Lecking some or all plumbing facilities	13: 31:	7 19	1 17	7 17 5 31	15	[6	=	1.3
0.50 or less 0.51 to 1.00 1.01 to 1.50	9 18		75	5 7 - 17	10			-] -	
1.51 or more	3	2	-	7	-	-	-	-	-	- '''
BEDROOMS None			17 265	5 44	.] _			_	-	1.3
123 or more	4 92	22	1 049	9 2 827 - 423		1 064	4 236	453	196	- 4.1
YEAR STRUCTURE BUILT		"	-	-	·	"				
1969 to March 1970 1960 to 1968	4 12	50 15	20 58 52 523	3 1 078	1 40	7 639	9 235	56	60	0 3.7
1950 to 1959 1949 or earlier	2 22	22 8	83 222 53 622	2 524	721	384	4 170			
COMPLETE BATHROOMS	,, ,					, , ,	740	309	103	3 3.8
1 and 1 1/2 2 or more None or also used by another household	41	14	88 1 316 7 - 17 14	- 14	1 50	0 70				
GROSS RENT AS PERCENTAGE OF INCOME]	ή ΄					
Specified renter occupied? Less than 10 percent	62		08 1 42: 55 4: 50 10	2 177	7 19:	2 8	8 55	3 12	!	8 3.7
10 to 14 percent	1 76	65 4	48 103	364	s 59º	9 37	7 156	76	4:	o! 411
20 to 24 percent 25 to 34 percent 35 percent or more	1 89	71 E	40 15: 89 23: 93 71: 33 7	7 463	51	8 33.	4 166	126	3 3	6 3.8 7 3.4
Not computed	56	57 3	33 7	1 100	16	3 10			1:	5 4.0

Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

_		Owner oc	cupied	Renter occupied								
Eugene	Total	1 unit	2 units or more	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobil home o troile
All occupied housing units	13 411	12 581	622	208	12 364	4 797	1 366	1 072	1 660	1 615	1 804	50
roam	76 138 266 1 730 3 318 3 538 2 134 2 211 5.8	9 55 171 1 468 3 140 3 461 2 103 2 174 5.9	62 22 68 183 150 73 31 33 4.4	5 61 27 79 28 4 4 3.6	608 1 425 3 192 3 735 1 952 819 424 209 3.8	59 264 601 1 339 1 256 731 349 198 4.6	23 104 297 544 286 53 48 11	60 135 399 386 83 - 9	141 292 664 470 72 10 11	135 285 536 526 110 16 7 - 3.2	186 318 686 470 135 9 — 3.1	27 9 -10
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	13 339 7 828 5 164 294 53	12 529 7 285 4 903 294 47	607 402 199 -	203 141 62 -	12 054 6 207 5 312 403 132	4 759 2 194 2 247 271 47	1 353 764 560 19	1 038 506 468 48 16	1 543 799 713 21 10	1 535 855 632 22 26	1 776 1 050 685 18 23	50 39 7 4
Locking some or all plumbing facilities	72 47 25	52 37 15	15 5 10 -	5 5 -	310 92 187 31	38 13 18 - 7	13 5 8 -	34 19 10 - 5	117 43 63	80 12 65 -	28 23 5	
BEDROOMS None	60 558 3 759 6 228 2 778	16 347 3 418 6 125 2 713	44 156 196 86 65	55 145 17	926 4 372 4 922 1 476 655	129 951 2 152 1 097 560	42 474 639 267 74	43 360 424 18	181 652 631 21	197 976 580 19	334 922 496 75	37 - -
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	438 1 576 2 332 4 461 2 248 2 356	370 1 415 2 190 4 289 2 176 2 141	30 109 99 109 66 209	38 52 43 63 6	452 2 233 1 917 2 222 2 291 3 249	68 307 538 1 128 1 235 1 521	45 245 255 266 227 328	31 119 153 172 214 383	63 235 245 223 375 519	139 480 391 193 138 274	106 839 324 212 102 221	8 11 28 -3
INCOME IN 1969												ļ
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$7,000 to \$7,999 \$1,000 to \$14,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	917 523 495 463 606 612 2 252 3 810 2 865 868 \$11 100	795 445 423 412 526 536 2 126 3 689 2 771 858 \$11 400	83 69 38 36 66 44 94 96 86 10 \$6 400	39 9 34 15 14 32 32 25 8 \$5 500	3 032 1 300 1 169 1 035 938 736 2 137 1 397 483 137 \$4 700	829 386 332 402 397 339 1 043 743 252 74 \$6 200	226 140 120 87 113 106 240 249 60 25 \$6 000	265 154 134 112 110 51 133 83 30 -	518 228 155 149 97 77 285 102 39 10 \$3 500	528 171 179 133 112 79 222 121 61 9	654 221 239 147 102 84 198 99 41 19 \$3 100	12 10 5 7
YEAR MOVED INTO UNIT	4	•	4		·	·	·					
1969 to March 1970	1 824 1 097 997 1 788 3 064 3 028 1 614	1 690 1 011 906 1 699 2 888 2 862 1 511	72 63 70 51 132 160 97	62 23 21 38 44 6	7 850 1 816 927 823 499 334 119	2 903 768 427 351 164 144 54	848 130 150 93 49 38 8	763 165 79 59 40 21	1 141 232 82 82 83 59 27	1 157 169 59 75 68 23	1 024 339 123 163 95 34	14 13 7 - 15
Specified renter occupied* Less than \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$100 to \$19 \$120 to \$149 \$150 to \$199 \$200 to \$199 \$200 to \$209 \$200 to \$209 \$200 to \$209 \$200 to \$209 \$200 to \$209 \$200 to \$209					12 339 482 658 520 745 1 753 2 136 3 080 1 763 468 34 300 \$116	4 772 37 331 175 280 715 985 1 160 784 292 15 198 \$119	1 366 18 29 63 127 142 194 402 287 59 45 \$127	1 072 20 115 58 126 363 207 112 66 5 - - \$93	1 660 110 211 131 103 334 257 320 161 11 6 16 \$96	1 615 73 91 37 41 189 226 585 333 34 - 6 5128	1 804 207 76 56 65 210 267 496 332 63 13 19 \$121	\$0 17 5 - 3 - - 5 - 4 - 16
HEATING EQUIPMENT Steam or hot water	531 3 933	474 3 658	57 201	- 74	1 098 1 388	107 651	53 153	64 100 653	151 233 1 033	194 86 1 218	529 153 1 051	12
Built-in electric units Floor, wall, or pipeless furnace Other means None	6 735 762 1 445 5	6 436 725 1 283 5	247 26 91	52 11 71	7 004 608 2 241 25	2 143 403 1 484 9	889 74 191 6	44 211	42 196 5	16 96 5	29 42	21
AIR CONDITIONING Room unit(s) Central system None	835 246 12 331	714 217 11 636	88 8 549	33 21 146	493 194 11 681	116 69 4 626	44	47 1 096	42 31 1 633	45 13 1 493	189 72 } 531	10 9 30
AUTOMOBILES AVAILABLE 1	5 488 5 746 1 369 809	4 961 5 577 1 354 675	378 144 15 108	149 25 - 26	7 024 2 425 575 2 344	2 704 1 268 315 524	696 372 52 196	788 149 21 185	1 025 187 53 441	858 247 68 378	913 202 66 611	40 - - 9

*Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

Г		Two-or-more-person households								One-person I	10useholds	
Eugene	-	Male head, wife present, no nonrelatives Other male head Female head										
coñene	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	13 411	135	1 629	2 566	4 752	1 534	295	76	608	216	683	917
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Locking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50	13 339 7 828 5 164 294 53 72 47 25	135 76 54 5 	1 629 515 1 018 86 10 - -	2 566 604 1 826 126 10 	4 734 3 001 1 653 55 25 18 8 10	1 519 1 347 168 - 4 15 5 10 -	295 140 141 10 4 - - -	76 58 18 - - - - -	608 403 193 12 - - - -	216 184 32 - - - -	664 648 16 19 19	897 832 45
UNITS IN STRUCTURE	10 501			0 505	. 500	1 075						
2 or more	12 581 622 208	116 - 19	1 598 31	2 505 57 4	4 589 114 49	1 375 115 44	284 11 -	56 14 6	581 17 10	207 9 -	563 78 42	707 176 34
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or \$24,999 \$25,000 or more Median	917 523 495 463 606 612 2 252 3 810 2 865 868 \$11 100	6 9 5 10 10 27 31 37 -	26 8 8 - 25 86 444 692 272 68 \$11 600	24 - 4 18 63 410 1 067 721 259 \$13 600	59 34 37 85 158 183 715 1 491 1 541 449 \$13 700	57 208 167 158 163 121 241 219 142 58 \$6 100	34 5 5 7 18 10 77 78 52 9 \$9 700	5 10 15 8 4 19 4 5 6	80 34 61 55 73 28 102 93 72 10 \$6 000	43 21 46 19 15 - 32 8 27 5 \$4 000	142 30 82 80 70 25 140 77 27 10 \$5 100	441 164 65 52 50 56 43 5 \$2 7
VALUE-INCOME RATIO Specified ewner occupied¹ Less than 1.5 1.5 to 1.9 2.0 to 2.4 2.5 to 2.9 3.0 to 3.9 4.0 or more Not computed	12 432 4 736 2 759 1 630 830 865 1 493 119	116 42 12 10 17 16 19	1 598 551 499 349 66 76 52 5	2 491 1 043 799 357 159 72 56 5	4 481 2 414 1 003 559 170 180 137 18	1 364 298 215 106 189 213 338 5	279 84 49 63 9 23 51	56 6 - 4 5 21 20	581 151 33 64 58 99 149 27	207 19 32 27 20 30 74 5	552 114 82 56 74 52 144 30	707 14 35 35 63 83 453 24
Renter occupied housing units	12 364	1 410	2 311	512	826	309	1 305	33	1 647	115	2 838	1 056
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 1.04king some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	92	1 400 503 865 32 - 10 - 10	2 294 695 1 383 165 51 17 - 7 7	512 89 351 68 4 - -	821 356 420 45 - - 5 - - - 5	309 219 82 - 8	1 295 504 724 35 32 10 5	33 10 23 	1 636 449 1 097 58 32 11 - - 11	115 86 24 5	2 640 2 386 254 	999 910 89
UNITS IN STRUCTURE 1 2 to 4 5 to 19 20 or more	4 797 2 438 3 275 1 804 50	618 328 314 150	1 183 595 426 103 4	380 87 30 15	500 121 98 104 3	117 60 43 89	496 194 448 167	12 - 11 10 -	621 289 492 245	22 13 36 34 10	654 608 1 168 380 28	194 143 209 507 5
GROSS RENT Specified renter occupied? Less than \$50 \$50 to \$59 \$50 to \$59 \$70 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or more No cash rent	482 658 520 745 1 953 2 136 3 080 1 963 468	1 410 	2 301 18 171 45 51 324 399 687 472 103	512 - 11 3 17 65 82 127 134 56 4	826 5 11 15 32 83 78 187 245 93 5	305 15 20 23 - 39 49 60 49 10 13	1 305 10 11 11 34 152 207 383 370 84 12	33 - 4 - - 5 8 11 - 5	1 640 5 48 75 159 207 268 489 326 51 -	115 5 13 6 13 21 22 5 17	2 838 202 189 244 308 611 482 544 160 37 —	1 054 222 126 67 87 174 139 150 41 12
GROSS RENT AS PERCENTAGE OF INCOME BY INCOME Specified renter occupied? Less than \$5,000 Less than \$20 percent 20 to 24 percent 35 percent or more Not computed \$5,000 to \$9,999 Less than 20 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed \$10,000 to \$14,999 Less than 20 percent 20 to 24 percent 20 to 24 percent 25 percent or more Not computed \$10,000 to \$14,999 Less than 20 percent 20 to 24 percent 25 percent or more Not computed \$15,000 or more Less than 20 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent 20 to 24 percent	6 525 244 337 1 004 4 501 1 776 1 776 858 136 87 1 397 1 226 103 32 33 36	1 410 621 20 35 153 397 16 679 292 224 147 16 91 87 4	2 301 497 38 47 128 260 24 1 079 540 265 224 31 19 532 493 22 9 8 193 193	512 34 - - 4 24 6 173 92 37 28 10 6 229 192 30 - 7 7 7 7 4 -	826 170 15 15 20 82 38 262 141 60 33 4 24 192 159 155 18 202 202	305 136 5 28 26 62 15 90 29 24 16 10 11 47 30 32 27 5	1 305 987 	33 23 - - 23 - 10 - 5 - - - - - - - - - - - - - - - - -	1 640 1 243 23 28 126 992 74 325 122 73 118 12 	115 81 10 5 51 13 225 3 3 - 3	2 838 1 834 114 121 354 1 150 95 786 428 179 141 21 17 163 20 	1 054 899 39 39 131 638 62 116 41 117 37 6 5 23 23 23 16 16

*Limited to one-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more.

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

•	Ludia based on :	dinhie, see lexi.	TOT HIMINOTT OF	se for derived its	, o, co (paratin), 11				T .	T
Eugene	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	13 411	1 600	4 344	2 179	2 466	1 521	860	300	141	2.8
BEDROOMS None and 1	618	366 845	193 2 071	41 564		18 36	_	-	19	1,3 2.0
2	3 759 6 228 2 778	335 60	2 027 2 027 248) 288 290	1 571 542	36 675 691	197 606	116 240	19 101	3.1 4.9
YEAR STRUCTURE BUILT 1969 to March 1970	438	14	96	56	141	76 269	19 146	22 45	14	3.9 3.6
1965 to 1968 1960 to 1964 1950 to 1959	1 576 2 332 4 461	121 142 431	361 567 1 477	250 396 755	375 590 886	366 488	172 268	76 91	23 65 17	3.6 2.9 2.4
1940 to 1949 1939 or earlier	2 248 2 356	354 538	848 995	415 307	280 194	174 148	134 121	26 40	13	2.1
UNITS IN STRUCTURE	12 581	1 270 254	4 009 221	2 103	2 402 60	1 506 11	850 10	300	141	3.0 1.8
2 or more	622 208	76	114	66 10	4	4	-	-	~	1.7
I and 1 1/2 2 and 2 1/2	3 661	1 380 124	3 295 869	1 489 680	1 433 877	889 612 53	442 341 96	141) 105 34	85 53 6	2.5 3.7 4.1
None or also used by another household	486 111	22 51	94 42	43 11	138 7	-	-	-	-	
HOUSEHOLD COMPOSITION Two-or-more-person households Male head, wife present, no nonrelatives	11 811 10 616	:::	4 344 3 739	2 179 1 875	2 466 2 314	1 521 1 431	860 820	300 300	141 137	3.2 3.3
Under 25 years 25 to 34 years	135 1 629 2 566	:::	71 157 161	27 329 235	21 619 807	11 312 677	136 489	65 119	5 11 78 39	3.3 2.5 4.0 4.6 2.8 2.1 2.7
35 to 44 years	4 752 1 534		2 025 1 325 161	1 143 141 102	843 24 57	406 25 25 25 25	191 4 22	105 11 -	39 4 4	2.8 2.1 2.7
Other male head	295 76		107 54	84 18 202	53 4 95	25 - 65	22 18	-	4	3.0
Female head	608	:::	444 296 148	155 47	85 10	54 11	18			2.6 2.2 1.0
VALUE-INCOME RATIO	1 600	1 600		•••		1 491	840	300	137	3.0
Specified owner occupied ¹ Less than 1.5 1.5 to 1.9	4 736	128	1 420	2 081 970 485	2 369 998 608	641 456	385 217	114 132 30	80 32 10	3.3
2.0 to 2.4 2.5 to 2.9	1 630 830	91 137	464 316	270 107 103	383 145 105	237 54 66	145 55 19	10 10	6 5	3.5 2.4 2.2 1.8
3.0 to 3.9 4.0 or mare Not computed	1 493	597	565	146	121	37	19	4	4	1.6
Renter occupied housing units	12 364	3 896	4 421	1 981	1 151	570	212	95	38	2.0
BEDROOMS None	926 4 372			18 277	18 75	18 19	-	-	- 21	1.2 1.4 2.4
2	4 922 2 131	! 645		1 405 435	539 589	275 351	28 149	82	27	3.7
YEAR STRUCTURE BUILT 1969 to March 1970	452		214 897	44 357	43 117	73 94	3 31	4 10	5 5	1.9 1.9 2.2 2.2
1965 to 1968	2 222	450	748	357 385 394 364	196 248 244		27 52 71	17 37 13	10	2.1
1940 to 1949 1939 or earlier	2 291 3 249	1 305		437	303		28	14	18	1.8
UNITS IN STRUCTURE 1	1 366	371	564	946 265	767 96 87	449 62 24	197	91 4 -	38	2.6 2.1 1.9
3 and 4	. 1 660) 692	675	153 194 218	81 55 65	18	- 6 5		-	1.7 1.7 1.5
20 or more	. 1 804			201		-	_	-	-	•••
COMPLETE BATHROOMS 1 and 1 1/2	11 509		109	1 856 80	1 055 72	480 60	190 32	85 13	22 14 -	2.0 3.3 1.1
None or also used by another household HOUSEHOLD COMPOSITION			75	7	,	-	212	95	38	2.5
Twe-er-mere-person households Male head, wife present, no nonrelatives	. 5 361	3{	2 688	1 981 1 187 346	1 151 762 86	33	173	85 ~ 25	27 12	2.5 2.2 2.9
Under 25 years 25 to 34 years 35 to 44 years	2 31 51:	1	960 96	542 73 218	122 101		62	29 31		4.2 2.5 2.0
45 to 64 years 65 years and over Other male head	1 330	7) 3(288 800	313	155		14 14	6	-	2.3 2.3
Under 65 years 65 years and over Female head	. 3: - 1.76:	3	933	481	234 234 234	74	25	4	11 11	2.4 2.5 2.0
Under 65 years 65 years and over One-person households	1 64	5	828 105	10						1.0
GROSS RENT AS PERCENTAGE OF INCOMI		3 892		1 981	1 144			89 6	38	2.0 2.1
Less than 10 percent 10 to 14 percent 15 to 19 percent	1 45	185	5 215 660 4 677	194 340	104 169 175	74 144	33 42	33 13 28	6 - 6	2.2 2.3 2.1
20 to 24 percent 25 to 34 percent	_ 1 38 _ 1 89	386	489	230 290	150 179 325	145	53 40	5	15	2.0 1.8 2.0
35 percent or more Not computed	- 4 64 56		1 556	101	42	30	17			

*Limited to one-family homes on less than 10 acres and no business on property. *Excludes one-family homes on 10 acres or more.

Table B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

Eugene	Total	Less than 2 months	2 up to 6 months	6 months or more	Eugene	Total	Less than 2 months	2 up to 6 months	ó menths or more
Vacant for sale	146	72	30	44	Vacant for rent	617	411	138	69
ROOMS					ROOMS				
1 to 3 rooms	3 17 44 31 51	3 15 27 23 4	- 2 7 6 15	10 2 32	1 room	48 103 131 154 95	16 70 84 125 66 28	17 23 31 22 18	15 10 16 7
PLUMBING FACILITIES					7 rooms or more	30	22	3	\$
With all plumbing facilities Lacking some or all plumbing facilities	146	72 -	30	44	PLUMBING FACILITIES				
BEDROOMS					With all plumbing facilities Lacking some or all plumbing facilities	602 15	400 11	134 4	48
None and 1	15 47 80 16	15 16 33 -	16 15 	15 32 16	BEDROOMS		20		
YEAR STRUCTURE BUILT					None	45 164 300	29 89 198	30 73	10 45 29
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	33 35 45 33	6 22 25 19	6 3 15 6	21 10 5 8	3 or more YEAR STRUCTURE BUILT	133	73	46	14
UNITS IN STRUCTURE	137 9	63 9	30 	44 	1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	43 241 89 244	27 169 72 143	12 51 10 65	21 7 36
HEATING EQUIPMENT					UNITS IN STRUCTURE				
Steam or hot water	15 23 93 5 10	6 12 41 5 8	9 3 16 - 2 -	8 36 - -	1	198 115 83 104 117	120 85 41 92 73	52 27 24 12 23	26 3 18 21
SALES PRICE ASKED					RENT ASKED				
Specified vacent for sale* Less than \$5,000 . \$5,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$20,000 to \$24,999 \$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$50,000 or more Median price asked	10 17 34 33 16 21 6	63 - 4 12 21 20 3 3 -	30 - 2 - 10 3 3 12 -	44 - 4 5 3 10 10 6 6	Specified vacant for rent? Less than \$50 \$50 to \$59 \$60 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 or more. Median rent asked	617 34 24 64 147 131 127 53 37 \$106	411 26 3 42 94 102 90 40 14 \$108	138 4 14 19 40 17 27 9 8 \$96	68 4 7 3 13 12 10 4 15

^{*}Limited to one-family homes on less than 10 ocres and no business on property.

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

(Data based on sample, see text. For meaning of symbols, see text)

Eugene			Sales price a	isked — Vacan	for sale1	Rent asked Vacant for rent ²								
Eugene	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	137	10	17	34	33	16	27	617	58	64	147	258	53	37
PLUMBING FACILITIES														
With all plumbing facilities Lacking some or all plumbing facilities	127	16	31	49	15	16	-	642	42	73 -	176	243	30	78 -
BEDROOMS														
None and 1 2	31 80 16	16	31	 - 49 	15	- - 16	- - -	209 300 31 102	14 14 - 14	73 - - -	44 88 15 29	32 166 	16 14	46 16 16
YEAR STRUCTURE BUILT														1
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	33 30 41 33	- - 2 8	3 - 2 12	6 8 17 3	15 14 4	6 4 3 3	18 3 3 3	43 241 89 244	4 13 4 37	18 4 42	7 41 25 74	17 120 48 73	4 23 8 18	11 26 -
UNITS IN STRUCTURE														1
1 2 to 4 5 to 19 20 or more	•••	•••		•••		•••	 	198 115 187 117	29 12 10 7	10 21 19 14	84 18 42 3	49 45 92 72	23 24 6	3 19 15
INCLUSION OF UTILITIES IN RENT														
All utilities includedSome or no utilities included	•••			•••			:::	82 535	10 48	24 40	8 139	40 218	53	37

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

²Excludes one-family homes on 10 acres or more.

USUAL PLACE OF RESIDENCE	App-1
COUNTIES	App-1
PLACES	App-1
STANDARD METROPOLITAN STATISTICAL AREAS	App-1

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places, Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin. Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, Standard Metropolitan Statistical Areas: 1967, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city, and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA.

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

	GENERAL	App-2
	Self-enumeration and census	
	questionnaire	App-2
	Comparability with 1960 data	App-2
	LINANA ALLA DEPENA	App-3
	LIVING QUARTERS	
	Housing units	App-3
	Group quarters	App-3
	Rules for mobile homes, hotels,	
	rooming houses, etc	App-3
	Institutions	App-4
	OCCUPANCY AND VACANCY	
	OCCUPANCY AND VACANCY CHARACTERISTICS	A n.n. 4
	Occupied housing units	App-4
	- · · · · ·	App-4
	Race	App-4
ŀ	Spanish heritage	App-4
ı	Tenure	App-4
l	Year moved into unit	App-4
ĺ	Vacant housing units	App-4
l	Vacancy status	App-5
ı	Duration of vacancy	App-5
ı		
l		
Į	UTILIZATION	
l	CHARACTERISTICS	App-5
١	Persons	App-5
Ì	Rooms	App-5
I	Persons per room	App-5
ļ	Bedrooms	App-5
ļ		
	STRUCTURAL AND PLUMBING	
	CHARACTERISTICS	App-5
	Direct access	App-5
	Complete kitchen facilities	
	Year structure built	App-5
	Units in structure	App-6
	Elevator in structure	App-6
		App-6
	Plumbing facilities	App-6
	Complete bathrooms	App-6
	l	
	EQUIPMENT, FUELS, AND	
	APPLIANCES	App-6
	Heating equipment	App-6
	Air conditioning	App-7
	Automobiles available	App-7
	Automatic clothes washing	, data ,
	machine	App-7
	Clothes dryer	App-7
	Dishwasher	App-7
	Home food freezer	App-7
	Owned second home	App-7
ļ		Chh.
	FINANCIAL	
Ì	CHARACTERISTICS	App-7
	Value	Арр-7
1	Sales price asked	Δ

Gross rent	App-8 App-8 App-8
Gross rent as percentage of income	App-8
HOUSEHOLD	
CHARACTERISTICS	App-8
Head of household	App-8
Household composition	App-8
Nonrelative	App-9
Family or primary individual	App-9
Income in 1969	App-9
FACSIMILES	App-10
Census Questionnaires	App-10
Respondent Instructions for the Housing Questions in the 1970	
Census	App-13

GENERAL

Self-enumeration and census questionnaire.-As stated in the introductory text of this report, the 1970 census was conducted primarily through selfenumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Comparability with 1960 data.-Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechancial refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B reports.

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960. household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

Housing units.-A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined quarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied housing units.—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent — for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.— Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States — Arizona, California, Colorado, New Mexico, and Texas — household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, households heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

Year moved into unit.-Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App-10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year, Included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Yearround" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered yearround. A unit used only occasionally throughout the year is also considered vear-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant yearround units "for rent" also include vacant units offered either for rent or for sale.

Duration of vacancy.-(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers, utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

Persons per room.—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

Bedrooms,—(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms.-(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in soucture.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans, or blowers which are not connected to a refrigeration unit. A central system is a central installation which airconditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.-(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.). if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude onefamily houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

Gross rent as percentage of income.-The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no non-relatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Family or primary individual.— Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand, family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed; tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

A How many living quarters, occupied and vacant, are	H9. Are your living quarters	FOR CENSUS
at this address?	Owned or being bought by you or by someone else	ENUMERATOR'S USE
O One	in this household? Do not include cooperatives and	ONLY
2 apartments or living quarters	condominiums here.	a4. Block a5. Serial
O 3 apartments or living quarters	A cooperative or condominium which is owned or being	number number
 4 apartments or living quarters 	bought by you or by someone else in this household?	N I
 5 apartments or living quarters 	Rented for cash rent?	N 000000000
 6 apartments or living quarters 	Occupied without payment of cash rent?	100010001
 7 apartments or living quarters 		200020002
 8 apartments or living quarters 		- 300030003
○ 9 apartments or living quarters	H10a. Is this building a one-family house?	N 400040004
 10 or more apartments or living quarters 	O Yes, a one-family house	N .
O This is a mobile home or trailer	O No, a building for 2 or more families	N
• 🛮 .	or a mobile home or trailer	500050005
		1 600060006
Ancora there exections for your living an organic	b. If "Yes"— Is this house on a place of 10 acres or more,	N 700070007
Answer these questions for your living quarters	or is any part of this property used as a commercial	N 800080008
U1 fe there a talanhara as which we also be seen at the	establishment or medical office?	N 000000000
H1. Is there a telephone on which people in your living quarters can be called?	O Yes, 10 acres or more	
I -	Yes, commercial establishment or medical office	N
O Yes What is	O No, none of the above	B. Type of unit or quarters
O No the number?	1	N=
Phone number	Elist Manual Company	Occupied
H2. Do you enter your living quarters—	H11. If you live in a one-family house which	O First form
\ <u></u>	you own or are buying—	O Continuation
O Directly from the outside or through	What is the value of this property; that is, how much	N vannt
a common or public hall?	do you think this property (house and lot) would sell for	Vacant
O Through someone else's living quarters?	if it were for sale?	O Regular
)	Cless than \$5,000 If this house	O Usual residence
H3. Do you have complete kitchen facilities?	- \$5,000 to \$7,499 is on a place	elsewhere
Complete kitchen facilities are a sink with piped	O \$7,500 to \$9,999 of 10 acres or	N
water, a range or cook stove, and a refrigerator.	O \$10,000 to \$12,499 more, or if any part of	Group quarters
	• \$12,500 to \$14,999 this property	O First form
O Yes, for this household only	O \$15,000 to \$17,499 is used as a	O Continuation
O Yes, but also used by another household	O \$17,500 to \$19,999 commercial	E
O No complete kitchen facilities for this household	establishment	For a vacant unit, also fill
	O \$20,000 to \$24,999 or medical	C, D, A, H2 to H8, and H10 to H12
H. How many rooms do you have in your living quarters?	O \$25,000 to \$34,999 office, do	A10101112
Do not count bathrooms, parches, balconies, foyers,	• \$35,000 to \$49,999 not answer	
halls, or half-rooms.	O \$50,000 or more this question.	N
O 1 room O 6 rooms		N
O 2 rooms O 7 rooms	H12. Answer this question if you pay rent for your living quarters.	C. Vacancy status
O 3 rooms O 8 rooms	a. If rent is paid by the month—	Year round-
0 4 rooms 0 9 rooms or more		
○ 5 rooms	What is the monthly rent?	O For rent
		O For sale only
H5. Is there hot and cold piped water in this building?	Write amount here	O Rented or sold, not occupied
O Yes, hot and cold piped water in this building	1	O Held for occasional use
O No, only cold piped water in this building	and O Less than \$30	O Other vacant
O No piped water in this building	Fill one circle \$30 to \$39	O Other vacant
		O Seasonal
	○ \$40 to \$49 ○ \$50 to \$59	O Migratory
H6. Do you have a flush toilet?		N = meratory
O Yes, for this household only	O \$60 to \$69	N B
O Yes, but also used by another household	O \$70 to \$79	N
O No flush toilet	O \$80 to \$89	D. Months vacant
	○ \$90 to \$99	O Less than 1 month
	O \$100 to \$119	O 1 up to 2 months
H7. Do you have a bathtub or shower?	O \$120 to \$149	O 2 up to 6 months
Yes, for this household only	O \$150 to \$199	O 6 up to 12 months
Yes, but also used by another household	O \$200 to \$249	O 1 year up to 2 years
No bathtub or shower	O \$250 to \$299	O 2 years or more
A 110 WEITHER OF SHOME!	O \$300 or more	7
LIP to those a base and in this is the same	· · · · · · · · · · · · · · · · · · ·	NC/0 0 0
HB. Is there a basement in this building?	b. If rent is not paid by the month—	N
O Yes	What is the rent, and what period of time does it cover?	И
O No, built on a concrete slab		Ŋ
O No, built in another way (include mobile homes	\$,00 per	Ŋ
and trailers)	(Nearest dollar) (Week, half-month, year, etc.)	N
	(W eer, naij-month, year, etc.)	N

APPENDIX B-Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

	H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for— a. Electricity? O Yes, average monthly cost is — \$.00 O No, included in rent	H19. Do you get water from— A public system (city water department, etc.) or private company? An individual well? Some other source (a spring, seech, river, cistern, etc.)? H20. Is this building connected to a public sewer? No, connected to public sewer No, connected to septic tank or cesspool No, use other means H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wath basin with piped water. A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom. No bathroom, or only a half bathroom 1 complete bathroom 1 complete bathroom, plus half bath(s) 2 complete bathrooms 2 complete bathrooms	15 percent
15 and 5 percent	Central warm air furnace with ducts to the individual rooms, or central heat pump Built-in electric units (permanently installed in wall, ceiling, or baseboard) Floor, wall, or pipeless furnace Room heaters with flue or vent, burning gas, oil, or kerosene Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) Fireplaces, stoves, or portable room heaters of any kind In some other way—Describe———	3 or more complete bathrooms H22. Do you have air-conditioning? Yes, 1 individual room unit Yes, 2 or more individual room units Yes, a central air-conditioning system No H23. How many passenger automobiles are owned or regularly used by members of your household? Count company cars kept at home.	
	None, unit has no heating equipment H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. 1969 or 1970 1950 to 1950 1965 to 1968 1940 to 1949 1960 to 1964 1939 or earlier	O None O 1 automobile O 2 automobiles O 3 automobiles or more	
	H16. Which best describes this building? Include all apartments, flats, etc., even if vacant. A one-family house attached to one or more houses A building for 2 families A building for 3 or 4 families A building for 5 to 9 families A building for 10 to 19 families A building for 20 to 49 families A building for 50 or more families A building for 50 or more families A mobile home or trailer		
	Other— Describe 117. Is this building— On a city or suburban lot?— Skip to H19 On a place of less than 10 acres? On a place of 10 acres or more? H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to— C Less than \$50 or None) \$\infty\$ \$2,500 to \$4,999 \$50 to \$249 \$50,000 to \$9,999 \$250 to \$2,499 \$10,000 or more		

APPENDIX B-Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

H13. Answer question H13 if you pay rent for your living quarters. In addition to the rent entered in H12, do you also pay for— a. Electricity? Yes, average monthly cost is	H24a. How many stories (floors) are in this building? 1 to 3 stories 4 to 6 stories 7 to 12 stories 13 stories or more b. If 4 or more stories— Is there a passenger elevator in this building?	
b. Gas? O Yes, average monthly cost is No, included in rent No, gas not used	○ Yes ○ No H25a. Which fuel is used most for cooking? (From underground pipes	
c. Water? O Yes, yearly cost is	Gas serving the neighborhood	
d. Oil, coal, kerosene, wood, etc.? O Yes, yearly cost is No, included in rent No, these fuels not used	b. Which fuel is used most for house heating? From underground pipes Gas serving the neighborhood. O Coal or coke O	-
H14. How are your living quarters heated? Fill one circle for the kind of heat you use most.		
 Steam or hot water system Central warm air furnace with ducts to the individual rooms, or central heat pump Built-in electric units (permanently installed in wall, ceiling, or baseboard) 	c. Which fuel is used most for water heating? From underground pipes Gas Serving the neighborhood. Coal or coke Coal or coal or coke Coal or coal	
Fioor, wall, or pipeless furnace Room heaters with flue or vent, burning gas, oil, or kerosene Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) Fireplaces, stoves, or portable room heaters of any kind	Fuel oil, kerosene, etc	-
In some other way—Describe ——— None, unit has no heating equipment	O 2 bedrooms O 5 bedrooms or more H27a. Do you have a clothes washing machine?	
H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. O 1956 to 1959	Yes, automatic or semi-automatic Yes, wringer or separate spinner No b. Do you have a clothes dryer?	_
○ 1965 to 1968 ○ 1940 to 1949 ○ 1960 to 1964 ○ 1939 or earlier H16. Which best describes this building?	Yes, electrically heated Yes, gas heated No	
Include all apartments, flats, etc., even if vacant. A one-family house detached from any other house A one-family house attached to one or more houses	c. Do you have a dishwasher (built-in or portable)? Yes No	
A building for 2 families A building for 3 or 4 families A building for 5 to 9 families	d. Do you have a home food freezer which is separate from your refrigerator? O Yes O No	
A building for 1C to 19 families A building for 20 to 49 families A building for 50 or more families A mobile home or trailer	H28a. Do you have a television set? Count only sets in working order. Yes, one set Yes, two or more sets No	
Other— Describe H17. Is this building—	b. If "Yes"— Is any set equipped to receive UHF broadcasts, that is, channels 14 to 83?	
 On a city or suburban lot?— Skip to H24 On a place of less than 10 acres? On a place of 10 acres or more? 	H29. Do you have a battery-operated radio? Count car radios, transistors, and other battery-operated sets in working	-
H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to—	order or needing only a new battery for operation. O Yes, one or more O No	
C Less than \$50 (or None) \$ \$2,500 to \$4,999 \$50 to \$249 \$5,000 to \$9,999 \$250 to \$2,499 \$10,000 or more	H30. Do you (or any member of your household) own a second home or other living quarters which you occupy sometime during the year? Yes No	

App-12

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark Yes and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do not have to be in the same room.

Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.

- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark hot water even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of Also used by another household.
- H8. A house has a basement if there is enclosed space in which persons can walk upright under all or part of the building. A house on a concrete slab has no basement and no air or crawl space below it. A house built in another way is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. Owned or being bought means that the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H10. A commercial establishment is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark Yes, 10 acres or more.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
 - If you pay rent by the month, write in the amount of rent and fill one circle.
 - If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- #13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({) the two utilities.

H14. This question refers to the type of heating equipment and not to the fuel used.

A heat pump is sometimes known as a reverse cycle system.

A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.

Any heater that you plug into an electric outlet should be counted as a portable room heater—not a built-in electric unit.

H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.

Detached means there is open space on all sides, or the house is joined only to a shed or garage. Attached means that the house is joined to another house or building by at least one wall which goes from ground to roof.

H17. A city or suburban iot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.

A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.

- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a public system. If a well provides water for five or fewer houses or apartments, mark an individual well.
- H20. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an individual room unit for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a central system for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.b. Do not count elevators used only for freight.
- H25. Gas from underground pipes is piped in from a central system such as a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the Yes circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set equipped to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

SOURCES OF ERROR	App-14
EDITING OF UNACCEPTABLE	
DATA	App-14
SAMPLE DESIGN	App-14
RATIO ESTIMATION	App-15
SAMPLING VARIABILITY	Ann-16

SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renteroccupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for nonresponses and inconsistencies is given for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units, whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance, although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B. information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5percent sample by designating every fourth 20-percent sample unit as a member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate (percent
OCCUPANCY CHARACTERISTICS		EQUIPMENT AND APPLIANCES	
	20	Heating equipment	. 20
Occupied housing units	20 20	Air conditioning	
Tenure	20	Automobiles available	
Race	1	Second home	
Spanish heritage		Clothes washing machine	-
Teal Hoved lifto unit	15	Clothes dryer	_
		Dishwasher	
VACANCY CHARACTERISTICS		Home food freezer	-
Vacant for sale	20	Tronge rood trouzon	
Vacant for rent	20	FINANCIAL CHARACTERISTICS	
Duration of vacancy	20		. 20
	1	Value	
UTILIZATION CHARACTERISTICS		Sales price asked	
Number of rooms		Gross rent	
Size of household (persons)		Rent asked	. 20
Persons per room			. 20
Bedrooms	5	in rent	,
	i		. 20
PLUMBING CHARACTERISTICS	1	Gross rent as percentage of income	. 20
Plumbing facilities	20	of income	, 20
Complete bathrooms			_
		HOUSEHOLD CHARACTERISTICS	
STRUCTURAL CHARACTERISTIC	s (Household composition	
Complete kitchen	-	Income	. 20
facilities	20		
Access		P. Committee of the Com	
Units in structure			
Mobile home or trailer			
Year structure built			
Elevator in structure			

dures were not properly followed, some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples, Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 household-type groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

STAGE I

	JIAGET
1 2 3	Male Head With Own Children Under 18 1-person household 2-person household 3-person household .
6	6-or-more-person house- hold
7-12	Male Head Without Own Children Under 18 1-person to 6-or-more- person households
13-18	Female Head 1-person to 6-or-more- person households
	STAGE II
19 20	<i>Owner Occupied</i> Negro Not Negro
21 22	<i>Renter Occupied</i> Negro Not Negro

Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting area.

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, consistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining four-fifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than 2½ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

- For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
- 2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

- through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.
- For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated N/2). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to N/2. Subtract this standard error from N/2. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between N/2 and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to N/2, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of N/2 and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated	Number of housing units in area ²						
number ¹	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50	15	15	15	15	15	15	15
100	20	20	20	20	20	20	20
250	30	30	30	30	30	30	30
500	45	45	45	45	45	45	45
1,000	60	6 0	65	65	65	65	65
2,500	90	95	100	100	100	100	100
5,000	100	130	140	140	140	140	140
10,000	•••	150	190	200	200	200	200
15,000		150	230	240	240	240	240
25,000		•••	270	300	310	310	320
50,000		•••	320	400	440	440	440
75,000			270	450	520	540	540
100,000	[490	600	620	630

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated				Base of percenta	ge		
percentage	500	1,000	2,500	10,000	25,000	100,000	250,000
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1
5 or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1
0 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1
25 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0.2
50	4.5	3.2	2.0	1.0	0.6	0.3	0.2

² An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE D. Factor to be Applied to Standard Errors

Characteristic ¹	Factor	if sample i	rate is—		Factor if sample rate is—		
	20 percent	15 percent	5 percent	Characteristic ¹	20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit		1.1		Heating equipment	0.8	0.9	
Duration of vacancy	0.8	4	1.7	Air conditioning		1.1	•••
200				Automobiles available		1.0	
UTILIZATION CHARACTERISTICS				Appliances			1.9
Rooms	1.0	1.1	2.1				
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS			
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms			2.1	Value-income ratio	1.0	1.2	
				Gross rent	0.9	1.1	2.1
PLUMBING CHARACTERISTICS				Gross rent as percentage of income	1.0	1.2	•••
Complete bathrooms		1.1		Sales price asked	1.1	·	2.5
Plumbing facilities	1.0			Rent asked	1.1		2.5
STRUCTURAL CHARACTERISTICS				HOUSEHOLD CHARACTERISTICS			
Units in structure	0.8	0.9	1.7	Household composition	0.6	0.7	
Year structure built	0.9	1.0		Income in 1969	1.0	1.2	2.3
ragi galuptuia built	1			ALL OTHERS	1.0	1.2	2.2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

Housing Census Reports

Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"-number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

Series HC(1)-A. GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

Series HC(1)-B. DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

Volume III. BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

Volume IV.

COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Crosstabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

Population Census Reports

Volume I. CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order. and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

Series PC(1)-A. NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

Series PC(1)-B. GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

Series PC(1)-C. GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, amployment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and crossclassified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume II. SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

Joint Population-Housing Reports

Series PHC(1). CENSUS TRACT REPORTS

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural proverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

Series PHC(E).

EVALUATION REPORTS

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R). PROCEDURAL REPORTS

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

Computer Summary Tapes

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count-source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

Fourth Count—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count-contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

Sixth Count—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block mens.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each containing a 1-percent national sample of persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

U.S. DEPARTMENT OF COMMERCE Social and Economic Statistics Administration BUREAU OF THE CENSUS Washington, D.C. 20233

POSTAGE AND FEES PAID U.S. DEPARTMENT OF COMMERCE



OFFICIAL BUSINESS

1, 11, 19	VALUE
2, 12, 20	GROSS RENT
3, 13, 21	INCOME IN 1969
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
5, 15, 23	ROOMS
6, 16, 24	UNITS IN STRUCTURE
7, 17, 25	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

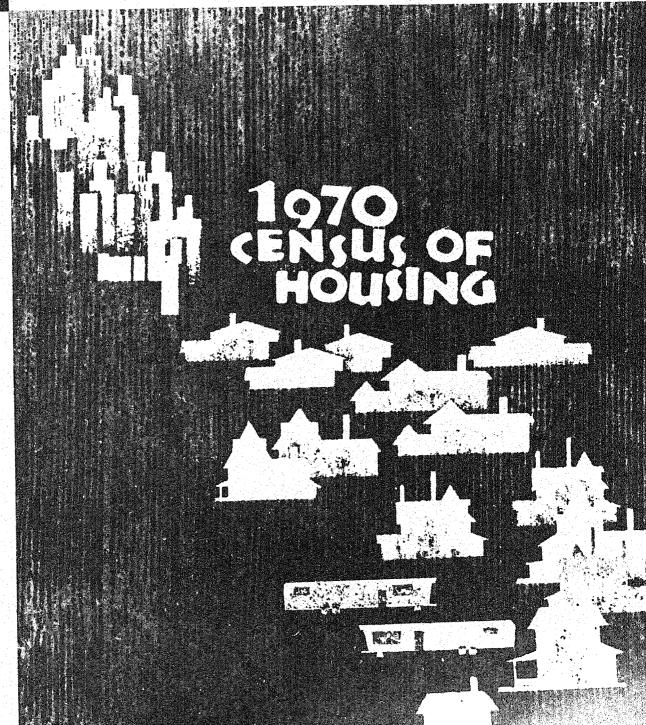
A UNITED STATES
DEPARTMENT OF
COMMERCE
PUBLICATION



HC(2)-67

Metropolitan Housing Characteristics

EVANSVILLE, IND.-KY. STANDARD METROPOLITAN STATISTICAL AREA



U.S. DEPARTMENT OF COMMERCE

Social and Economic Statistics Administration

BUREAU OF THE CENSUS

U. S. DEPARTMENT OF COMMERCE

Peter G. Peterson, Secretary

James T. Lynn, Under Secretary

Harold C. Passer, Assistant Secretary for Economic Affairs
and Administrator,

Social and Economic Statistics Administration

BUREAU OF THE CENSUS

George Hay Brown, Director
Robert L. Hagan, Acting Deputy Director
Conrad Taeuber, Associate Director
Daniel B. Levine, Acting Deputy Associate Director
David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION
Arthur F. Young, Chief

ACKNOWLEDGMENTS—Many persons participated in the various activities of the 1970 census. Primary direction of the program was performed by Conrad Taeuber, Associate Director for Demographic Fields, assisted by David L. Kaplan, 1970 Census Coordinator, and in conjunction with Paul R. Squires, Associate Director for Data Collection and Processing, and Joseph Waksberg, Acting Associate Director for Statistical Standards and Methodology.

This report was planned and written in the Housing Division under the supervision of Arthur F. Young, Chief, by Aaron Josowitz, Assistant Division Chief, Nathan Krevor, Chief, Coordination and Research Branch, and Paul F. Coe, assisted by Robert W. Bonnette, William Downs, and Edward D. Montfort.

The procedures for sample selection, sample weighting, and computation of sampling variances were developed in the Statistical Methods Division, under the supervision of Morton Boisen, Acting Chief, and Robert H. Hanson and Walter M. Perkins, Assistant Division Chiefs, assisted by William T. Alsbrooks, Peter A. Bounpane, Barbara A. Boyes, and Carlton W. Pruden.

Geographic plans and procedures were developed in the Geography Division under the supervision of William T. Fay, then Chief, and Robert C. Klove and Gerald J. Post, Assistant Division Chiefs.

Data collection activities were administered by the Field Division, Richard C. Burt,

Chief, and Dean H. Weber, Assistant Division Chief, with the assistance of the directors of the Bureau's data collection centers.

Systems and processing procedures were developed under the direction of Morris Gorinson, Assistant Chief, Demographic Census Staff, Florence Wright, assisted by Orville M. Slye and Erne Wilkins, was responsible for the clerical procedures and Roger O. Lepage, assisted by Howard N. Hamilton, William Norfolk, and Eleanor Banks, was responsible for the computer programming. Donald R. Dalzell was responsible for the computer programs used for the electronic preparation of the tables in this report.

The manual processing and microfilming of the questionnaires and the review of tabulation controls were performed in the Data Preparation Division (formerly Jeffersonville Census Operations Division), under the direction of Robert L. Hagan, then Chief, with the assistance of Rex L. Pullin. William L. Pangburn supervised the microfilming operation. Dan N. Harding, assisted by Nora H. Shouse, was responsible for the tabulation review work, in which Peter J. Fronczek also made important contributions.

FOSDIC and computer processing were performed in the Computer Services Division under the supervision of James R. Pepal, Chief, and E. Richard Bourdon and James W. Shores, Assistant Division Chiefs. Development of the FOSDIC equipment was directed by William M. Gaines, Assistant

Division Chief, and McRae Anderson. Development of the automatic microfilming equipment was directed by Anthony A. Berlinsky.

Publications planning, editing, composition, and printing procurement were performed in the Publications Services Division, under the direction of Raymond J. Koski, Acting Chief, by Milton S. Andersen, Gerald A. Mann, and Wayne H. Massey.

Important contributions were made by Robert B. Voight and Sherry L. Courtland in the planning and coordination of the 1970 census program; by Lucille D. Catterton in the planning of the tabular materials; and by John W. H. Spencer, Sol Dolleck, and M. Douglas Fahey in the systems design and operations for processing the census data.

SUGGESTED CITATION

U.S. Bureau of the Census
Census of Housing: 1970
METROPOLITAN HOUSING
CHARACTERISTICS
Final Report HC(2)-67
Evensville, Ind.-Ky. SMSA
U.S. Government Printing Office
Washington, D.C. 1972

For sale by the Superintendent of Documents U.S. Government Printing Office Washington, D.C. 20402, or any Department of Commerce Field Office.

Price 55 cents

1970 (ENSUS OF HOUSING

Metropolitan Housing Characteristics

EVANSVILLE, IND.-KY.
STANDARD METROPOLITAN
STATISTICAL AREA

For list of contents see page VII							
VALUE							
GROSS RENT							
INCOME IN 1969							
PLUMBING FACILITIES BY PERSONS PER ROOM							
ROOMS							
UNITS IN STRUCTURE							
HOUSEHOLD COMPOSITION							
PERSONS							
DURATION OF VACANCY							
SALES PRICE ASKED AND RENT ASKED							

LIST OF HC(2) REPORTS

Report		Report		Report	1
number	Area	number	Area	number	
	· · · · ·		71100	ļ	71194
				[
1	United States and Regions	43	Chattanooga, TennGa. SMSA	85	Greensboro-Winston-Salem-High Point, N.C. SMSA
2	Abilene, Tex. SMSA	44	Chicago, III. SMSA	86	Greenville, S.C. SMSA
3	Akron, Ohio SMSA	45	Cincinnati, Ohio-KyInd. SMSA	87	Hamilton-Middletown, Ohio SMSA
4	Albany, Ga. SMSA	46	Cleveland, Ohio SMSA	88	Harrisburg, Pa. SMSA
5	Albany-Schenectady-Troy, N.Y. SMSA	47	Colorado Springs, Colo. SMSA	89	Hartford, Conn. SMSA
		1			ł
6	Albuquerque, N. Mex. SMSA	48	Columbia, Mo. SMSA	90	Honolulu, Hawaii SMSA
7	Allentown-Bethlehem-Easton, PaN.J. SMSA	49	Columbia, S.C. SMSA	91	Houston, Tex. SMSA
8	Altoona, Pa. SMSA	50	Columbus, GaAla. SMSA	92	Huntington-Ashland, W. VaKy¡Ohio SMSA
9	Amarillo, Tex. SMSA	51	Columbus, Ohio SMSA	93	Huntsville, Ala. SMSA
10	Anaheim-Santa Ana-Garden Grove, Calif. SMSA	52	Corpus Christi, Tex. SMSA	94	Indianapolis, Ind. SMSA
11	Anderson, Ind. SMSA	53	Dallas, Tex. SMSA	95	Jackson, Mich. SMSA
12	Ann Arbor, Mich. SMSA	54	Danbury, Conn. SMSA	96	Jackson, Miss. SMSA
13	Appleton-Oshkosh, Wis. SMSA	55	Davenport-Rock Island-Moline, Iowa-III. SMSA	97	Jacksonville, Fla. SMSA
14	Asheville, N.C. SMSA	56	Dayton, Ohio SMSA	98	Jersey City, N.J. SMSA
15	Atlanta, Ga. SMSA	57	Decatur, III. SMSA	99	Johnstown, Pa. SMSA
1				"	
16	Atlantic City, N.J. SMSA	58	Denver, Colo. SMSA	100	Kalamazoo, Mich. SMSA
17	Augusta, GaS.C. SMSA	59	Des Moines, Iowa SMSA	101	Kansas City, MoKans. SMSA
18	Austin, Tex. SMSA	60	Detroit, Mich. SMSA	102	Kenosha, Wis. SMSA
19	Bakersfield, Calif. SMSA	61	Dubuque, Iowa SMSA	103	Knoxville, Tenn, SMSA
20	Baltimore, Md. SMSA	62	Duluth-Superior, MinnWis. SMSA	104	La Crosse, Wis. SMSA
1 21	Potent P				
21	Baton Rouge, La. SMSA	63	Durham, N.C. SMSA	105	Lafayette, La. SMSA
23	Bay City, Mich. SMSA	64	El Paso, Tex. SMSA	106	Lafayette-West Lafayette, Ind. SMSA
1	Beaumont-Port Arthur-Orange, Tex. SMSA	65	Erie, Pa. SMSA	107	Lake Charles, La. SMSA
24 25	Billings, Mont. SMSA Biloxi-Gulfport, Miss. SMSA	66	Eugene, Oreg. SMSA	108	Lancaster, Pa. SMSA
] 23	blioxir dulipoet, lwiss. SWSA	67	Evansville, IndKy. SMSA	109	Lansing, Mich. SMSA
26	Binghamton, N.YPa. SMSA	68	Fall River, MassR.I. SMSA	110	Laredo, Tex. SMSA
27	Birmingham, Ala. SMSA	69	Fargo-Moorhead, N. DakMinn. SMSA		Las Vegas, Nev. SMSA
28	Bloomington-Normal, III. SMSA	70	Fayetteville, N.C. SMSA		Lawrence-Haverhill, MassN.H. SMSA
29	Boise City, Idaho SMSA	71	Fitchburg-Leominster, Mass. SMSA		Lawton, Okla. SMSA
30	Boston, Mass. SMSA	72	Flint, Mich. SMSA		Lewiston-Auburn, Maine SMSA
]		ļ ·-	,	•••	
31	Bridgeport, Conn. SMSA	73	Fort Lauderdale-Hollywood, Fla. SMSA	115	Lexington, Ky. SMSA
32	Bristol, Conn. SMSA	74	Fort Smith, ArkOkla. SMSA	116	Lima, Ohio SMSA
33	Brockton, Mass. SMSA	75	Fort Wayne, Ind. SMSA	117	Lincoln, Nebr. SMSA
34	Brownsville-Harlingen-San Benito, Tex. SMSA	76	Fort Worth, Tex. SMSA	118	Little Rock-North Little Rock, Ark. SMSA
35	Bryan-College Station, Tex. SMSA	77	Fresno, Calif. SMSA	119	Lorain-Elyria, Ohio SMSA
36	Buffalo, N.Y. SMSA	78	Gododon Ale CMOA	405	A A A A A A A A A A A A A A A A A A A
37	Canton, Ohio SMSA	79	Gadsden, Ala. SMSA Gainesville, Fla. SMSA	120	Los Angeles-Long Beach, Calif. SMSA
38	Cedar Rapids, Iowa SMSA	80	Galveston-Texas City, Tex. SMSA	121	Louisville, KyInd. SMSA
39	Champaign-Urbana, III. SMSA	81	Gary-Hammond-East Chicago, Ind. SMSA		Lowell, Mass. SMSA
40	Charleston, S.C. SMSA	82	Grand Rapids, Mich. SMSA	123	Lubbock, Tex. SMSA
41	Charleston, W. Va. SMSA	83	Great Falls, Mont. SMSA		Lynchburg, Va. SMSA
42	Charlotte, N.C. SMSA	84	Green Bay, Wis. SMSA	125	Macon, Ga. SMSA Madison, Wis. SMSA
				126	Mignizoti, AAIS. SIAISM

Report	Ann	Report	A	Report	
, inditition	Area	number	Area	numbei	r Area
1				ł	
127	Manchester, N.H. SMSA	169	Pittsfield, Mass. SMSA	211	Springfield-Chicopee-Holyoke, Mass Conn. SMSA
128	Mansfield, Ohio SMSA	170	Portland, Maine SMSA	J	Stamford, Conn. SMSA
129	McAllen-Pharr-Edinburg, Tex. SMSA	171	Portland, OregWash. SMSA	l .	Steubenville-Weirton, Ohio-W. Va. SMSA
130	Memphis, TennArk. SMSA	172		214	Stockton, Calif. SMSA
131	Meriden, Conn. SMSA	173	Provo-Orem, Utah SMSA	ı	Syracuse, N.Y. SMSA
ľ				İ	
f	Miami, Fla. SMSA	174	Pueblo, Colo. SMSA	216	Tacoma, Wash. SMSA
133	Midland, Tex. SMSA	175	Racine, Wis. SMSA	217	,
134	Milwaukee, Wis. SMSA	176	Raleigh, N.C. SMSA	218	Tampa-St. Petersburg, Fla. SMSA
135	Minneapolis-St. Paul, Minn. SMSA	177	Reading, Pa. SMSA	219	Terre Haute, Ind. SMSA
136	Mobile, Ala. SMSA	178	Reno, Nev. SMSA	220	Texarkana, TexArk. SMSA
137	Modesto, Calif. SMSA	179	Richmond, Va. SMSA	221	Toledo, Ohio-Mich. SMSA
	Monroe, La. SMSA	180	Roanoke, Va. SMSA	222	Topeka, Kans. SMSA
139	Montgomery, Ala. SMSA	181	Rochester, Minn. SMSA	223	Trenton, N.J. SMSA
140	Muncie, Ind. SMSA	182	Rochester, N.Y. SMSA	224	Tucson, Ariz. SMSA
141	Muskegon-Muskegon Heights, Mich. SMSA	183	Rockford, III. SMSA	225	Tulsa, Okla. SMSA
1	Nashua, N.H. SMSA	184	Sacramento, Calif. SMSA	226	Tuscaloosa, Ala. SMSA
143	Nashville-Davidson, Tenn. SMSA	185	• •	227	Tyler, Tex. SMSA
144	New Bedford, Mass. SMSA	186	St. Joseph, Mo. SMSA	228	Utica-Rome, N.Y. SMSA
145	New Britain, Conn. SMSA	187	St. Louis, MoIII. SMSA	229	Vallejo-Napa, Calif. SMSA Vineland-Millville-Bridgeton, N.J. SMSA
146	New Haven, Conn. SMSA	188	Salem, Oreg. SMSA	230	A lingiating-hittoring-prinaderon' is 12. 201127
147	New London-Groton-Norwich, Conn. SMSA	189	Salinas-Monterey, Calif. SMSA	231	Waco, Tex. SMSA
148	New Orleans, La. SMSA	190	Salt Lake City, Utah SMSA	232	Washington, D.CMdVa. SMSA
149		191	San Angelo, Tex. SMSA	233	Waterbury, Conn. SMSA
150	Newark, N.J. SMSA	192		234	Waterloo, Iowa SMSA
151	Newport News-Hampton, Va. SMSA	193	San Bernardino-Riverside-Ontario, Calif. SMSA	235	West Palm Beach, Fla. SMSA
152	Norfolk-Portsmouth, Va. SMSA	104	Con Diese Celif CMCA	236	Wheeling, W. VaOhio SMSA
153	Norwalk, Conn. SMSA	194		237	Wichita, Kans. SMSA
154		195	San Francisco-Oakland, Calif. SMSA	238	Wichita Falls, Tex. SMSA
155	Ogden, Utah SMSA	196 197	San Jose, Calif. SMSA Santa Barbara, Calif. SMSA	239	Wilkes-Barre-Hazleton, Pa. SMSA
156	Oklahoma City, Okla. SMSA	198	Santa Rosa, Calif. SMSA	240	Wilmington, DelN.JMd. SMSA
	.,,,	150	Carrie 11034, Gain. Gimort		
157	Omaha, NebrIowa SMSA	199	Savannah, Ga. SMSA	241	Wilmington, N.C. SMSA
158	Orlando, Fla. SMSA	200	Scranton, Pa. SMSA	242	Worcester, Mass. SMSA
159	Owensbaro, Ky. SMSA	201	Seattle-Everett, Wash. SMSA	243	York, Pa. SMSA
160	Oxnard-Ventura, Calif. SMSA		Sherman-Denison, Tex. SMSA	244	Youngstown-Warren, Ohio SMSA
161	Paterson-Clifton-Passaic, N.J. SMSA	203	Shreveport, La. SMSA	245	Caguas, Puerto Rico SMSA
162	Pensacola, Fla. SMSA	204	Oleum City Journ Nobel CMCA	245 246	Mayagüez, Puerto Rico SMSA
163	Peoria, III. SMSA	204	Sioux City, Iowa-Nebr. SMSA	246 247	Ponce, Puerto Rico SMSA
	Petersburg-Colonial Heights, Va. SMSA	205	Sioux Falls, S. Dak. SMSA	248	San Juan, Puerto Rico SMSA
165	Philadelphia, PaN.J. SMSA	206	South Bend, Ind. SMSA Spokane, Wash. SMSA	- 10	
166	Phoenix, Ariz. SMSA	207 208	Springfield, III. SMSA		
167	Pine Bluff, Ark. SMSA	209	Springfield, Mo. SMSA		
J	Pittsburgh, Pa. SMSA		Springfield, Ohio SMSA		Į.
	• • • • • • • • • • • • • • • • • • • •	210	ability and amount		

TABLE FINDING GUIDE—Cross-Classification of Subjects by Table Number

This guide lists all subjects covered in this report. An asterisk (*) indicates that data are shown for housing units with Negro head of household, and the dagger symbol (†) means that the data are shown for housing units with household head of Spanish heritage; these data are shown when an area has 25,000 or more Negro or Spanish heritage population, respectively.

Subject	Value	Gross rent	Income in 1969	Plumbing facilities by persons per room	Number of rooms	Units in structure	Household composition by age of head	Size of household (persons)	Duration of vacancy	Sales price asked and rent asked
OCCUPANCY AND VACANCY CHARACTERISTICS Year moved into unit Duration of vacancy	1, 11*, 19† –	2, 12*, 20† -	3, 13*, 21† –	- 9 ¹	. 9	6, 16*, 24† 9	-		- -	_ 9
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Number of bedrooms Persons per room	1, 11*, 19† 1, 11*, 19† 1, 11* 1, 11*	2, 12*, 20† 2, 12*, 20† 2, 12* 2, 12*	3, 13*, 21† 3, 13*, 21† 3, 13* 4, 14*, 22†	5, 15*, 23† 4, 14*, 22† —	5, 15*, 23† 5, 15* 5, 15*, 23†	6, 16*, 24† 8, 18*, 26† 6, 16* 6, 16*, 24†	8, 18*, 26† - 7, 17*, 25†	5, 15*, 23† - 8, 18* 4, 14*, 22†	9 9 	- - 10 -
PLUMBING CHARACTERISTICS Plumbing facilities	1 '	2, 12*, 20† 2, 12*, 20†	4, 14*, 22† -	- - -	5, 15*, 23† 5, 15*, 23†	6, 16*, 24† –	7, 17*, 25†	4, 14*, 22† 8, 18*, 26†	9 - -	10 - -
STRUCTURAL CHARACTERISTICS Units in structure Year structure built Elevator in structure	1, 11*, 19† -	6, 16*, 24† 2, 12*, 20† 2, 12*	6, 16*, 24† 3, 13*, 21†	6, 16*, 24† 4, 14*, 22† –	6, 16*, 24† 5, 15*, 23†	6, 16*, 24† -	7, 1 7* , 25† - -	8, 18*, 26† 8, 18*, 26†	9	10 10 -
EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Automatic clothes washing machine Clothes dryer Dishwasher Home food freezer	1, 11*, 19†	2, 12*, 20† - - - - - - -	3, 13*, 21† 3, 13*, 21† 3, 13* 3, 13* 3, 13* 3, 13* 3, 13*	4, 14*, 22† - - - - - - -		6, 16*, 24† 6, 16*, 24† 6, 16*, 24† - - -	- - - - - - -		9	 - - - - -
FINANCIAL CHARACTERISTICS Value Value-income ratio Gross rent Gross rent as percentage of income Gross rent as percentage of income by income Sales price asked Rent asked Inclusion of utilities in rent	-	2, 12*, 20†	1, 11*, 19t — 2, 12*, 20t 3, 13*, 21t — —	1, 11*, 19t 4, 14*, 22t 2, 12*, 20t 4, 14*, 22t — — 10 ¹	1, 11*, 19t 5, 15*, 23t 2, 12*, 20t 5, 15*, 23t	- 6, 16*, 24t - - - 10	7, 17*, 25†	1, 11*, 19† 8, 18*, 26† 2, 12*, 20† 8, 18*, 26†	- - - - 9 9	- - - - - - 10
HOUSEHOLD CHARACTERISTICS Household composition by age of head Income in 1969		7, 17*, 25† 2, 12*, 20†	7, 17*, 25†	7, 17*, 25† 4, 14*, 22†	- 3, 13*, 21†	7, 17*, 25† 6, 16*, 24†	- 7, 17*, 25†	8, 18*, 26† 3, 13*, 21†		

¹Vacant units tabulated by plumbing facilities only.

INTRODUCTION

APPENDIXES

۹.	Area Classifications	App-1
3.	Definitions and Explanations of Subject Characteristics	App-2
Э.	Accuracy of the Data	App-14
٥.	Publication and Computer Summary Tape Program	App-20

GENERAL	٧
Organization of the text	٧
Content of the tables	٧
Sample size	V
Derived figures (medians, etc.)	VΙ
Symbols	VI
Boundaries	۷I
DATA COLLECTION PROCEDURES	VI
PROCESSING PROCEDURES	VII

GENERAL

This report presents cross-tabulations of housing and household characteristics from the 1970 Census of Population and Housing for the standard metropolitan statistical area, its central city or cities, and its places of 50,000 inhabitants or more. Legal provision for this census, which was conducted as of April 1, 1970, was made in the Act of Congress of August 31, 1954 (amended August 1957), which codified Title 13, United States Code.

This report series contains 248 reports as listed on page II. There is one report for each standard metropolitan statistical area (recognized as of February 1971) in the United States and Puerto Rico, as well as a summary report for the United States.

This series of reports is one of the several series which present the information compiled from the census. For a description of the full data dissemination program of the 1970 Population and Housing Census, see Appendix D, "Publication and Computer Summary Tape Program."

The content and procedures of the 1970 census were determined after evaluation of the results of the 1960 census, consultation with a wide variety of users of census data, and extensive field pretesting. A number of

changes were introduced in 1970 to improve the usefulness of the census results. For most of the characteristics shown in this report, the changes do not, however, affect to any appreciable extent the comparability of the 1970 data with those for 1960; further information on comparability appears in Appendix B, "Definitions and Explanations of Subject Characteristics."

More detailed information on the technical and procedural matters covered in the text of this report can be obtained by writing to the Director, Bureau of the Census, Washington, D.C. 20233. Such information will also appear in later reports of the 1970 census.

Organization of the text.-The text consists of this introduction and four appendixes which appear after the tables. Appendix A describes the various area classifications (e.g., places, standard metropolitan statistical areas, etc.) and briefly explains the residence rules used in counting the population. Appendix B provides definitions and explanations for the subjects covered in this report, including facsimiles of the 1970 census questionnaire pages and a facsimile of the instruction sheet. Appendix C presents information on sources of error in the data, editing procedures, the sample design, ratio estimation, and sampling variability. Appendix D summarizes the data dissemination program of the 1970 census.

Content of the tables.—A series of standard tables is presented for each area shown in this report. Tables 1 to 8 present statistics for owner-occupied and renter-occupied units. Tables 9 and 10 present statistics for vacant units, separately for units for

sale and for units for rent. Data for housing units with Negro head of household are presented in tables 11 to 18, and data for housing units with heads of Spanish heritage (i.e., heads of Spanish language or surname or of Puerto Rican birth or parentage) are presented in tables 19 to 26; these tables, which have the same subject content as tables 1 to 8, are published for those standard metropolitan statistical areas, cities or places that have a population of 25,000 or more for the particular group. The finding guide on page IV lists the characteristics covered in this report and shows the tables in which the various types of statistics appear.

The prefix letter "A" has been assigned to the tables for the total standard metropolitan statistical area; tables for the central cities and places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.

Sample size.—The statistics presented in this report are based on a sample of housing units. More specifically, the data are derived from the 15-percent and 5-percent sample questionnaires (see "Data Collection Procedures," below). Some items appeared on both sample questionnaires and, therefore, are based on a 20-percent sample of housing units. The sampling rate for each subject is shown in table A of Appendix C, "Accuracy of the Data." Appendix C also presents information on the sampling variability associated with these data.

Statistics for some subgroups (e.g., households in owner-occupied units with incomes of less than \$2,000 or renter-occupied 1-room units) may differ from table to table or within the same table when the figures are tabulated from different samples.

Derived figures (medians, etc.).-Shown in this report are medians as well as certain percentages and ratios. The median, which is a type of average, is the middle value in a distribution; i.e., the median divides the distribution into two equal partsone-half of the cases fall below the median and one-half of the cases exceed the median. For all types of derived figures in this report, the figure is not presented (but indicated by three dots "...") if there are fewer than the prescribed number of units in the distribution or the base. For the 20-percent sample, the minimum number of housing units is 100; for the 15-percent sample, the minimum is 132; and for the 5-percent sample, the minimum is 400.

Medians for rooms and persons are rounded to the nearest tenth, for value to the nearest hundred dollars, and for rent to the nearest dollar. In computing medians for rooms and persons per housing unit, the whole number is used as the midpoint of the interval so that, for example, the category "3 rooms" is treated as an interval ranging from 2.5 up to 3.5 rooms. In computing median rent, units reported as "no cash rent" are excluded. The median is computed on the basis of the distribution as tabulated, which is sometimes more detailed than the distribution shown in this report. When the median falls in the lower terminal category of an open-end distribution, the method of presentation is to show the initial value of the next category followed by a minus sign; thus, for example, if the median falls in the category "Less than \$5,000," it is shown as "\$5,000-." When the median falls in the upper terminal category of an open-end distribution, the method of presentation is to show the initial value of the

terminal category followed by a plus sign; thus, for example, if the median falls in the category "\$50,000 or more," it is shown as "\$50,000+."

Symbols.—A dash "—" signifies zero. Three dots "..." mean not applicable, or that the base for a derived figure is too small for it to be shown, or that the data are being withheld to avoid disclosure of information for individual housing units. The symbol "U" means that the place is unincorporated.

Boundaries.—The data shown for 1970 relate to the boundaries as they existed on January 1, 1970. Information on boundary changes between 1960 and 1970 for certain types of areas is given in the 1970 Population Census PC(1)-A reports.

DATA COLLECTION PROCEDURES

The 1970 census was conducted primarily through self-enumeration. In 1960, self-enumeration was first introduced on a nationwide scale as a substitute for the traditional census direct interview.

A census questionnaire was delivered by postal carriers to every household several days before Census Day, April 1, 1970. This questionnaire contained certain explanatory information and was accompanied by an instruction sheet; in areas with comparatively large proportions of Spanish-speaking persons, a Spanish version of the instruction sheet was also enclosed. Some of this material is reproduced in Appendix B, "Definitions and Explanations of Subject Characteristics."

In the larger metropolitan areas and some adjacent counties, altogether containing about three-fifths of the population of the United States, the householder was requested to fill out and mail back the form on Census Day. Approximately 87 percent of the householders did so. The mailed-back forms were reviewed by the census enumerator (or, in some localities, a census clerk) and if the form was determined to be incomplete or inconsistent, a followup was made. The bulk of these followups were made by telephone, the rest by personal visit. For the households that did not mail back their forms, a followup was also made, in almost all cases by personal visit and in the remainder by telephone; vacant units were enumerated by personal visit.

For the remaining two-fifths of the population, the householder was requested to fill out the form and give it to the enumerator when he called; approximately 80 percent did so. Incomplete and unfilled forms were completed by interview during the enumerator's visit.

Three types of questionnaires were used throughout the country: 80 percent of the households answered a form containing a limited number of population and housing questions and the remainder, split into 15-percent and 5-percent samples, answered forms which contained these questions as well as a number of additional questions. Some of the additional questions were the same on the 15-percent and 5-percent versions; others were different. A random procedure was used to determine which of the three forms any particular household answered.

In the metropolitan and adjacent areas, the designated type was sent to each household. In the remaining areas, the questionnaire with a limited number of questions was distributed to all households and the enumerators

INTRODUCTION—Continued

interviewed for the additional questions in those households designated for the 15-percent and 5-percent samples.

The subjects covered in this report are all drawn from the 15-percent and 5-percent sample questionnaires.

PROCESSING PROCEDURES

The 1970 census questionnaires were specially designed to be processed by FOSDIC (Film Optical

Sensing Device for Input to Computers). Respondents and enumerators (and for some few items, census clerks) marked the answers in predesignated positions which could be "read" by FOSDIC, from a microfilm copy of the questionaire, onto computer magnetic tape.

The tape containing the information from the questionnaires was processed on the Census Bureau's computers through a number of editing and tabulation steps (see Appendix C, "Accuracy of the Data"). One of the end results of this operation was a computer tape from which the tables in this report were prepared on a cathode-ray-tube phototypesetting machine at the Government Printing Office. Another end result was the summary tape which is available for purchase, as described in Appendix D, "Publication and Computer Summary Tape Program."

CONTENTS

METROPOLITAN HOUSING CHARACTERISTICS

Evansville, Ind.-Ky. STANDARD METROPOLITAN STATISTICAL AREA

[Page numbers listed here omit the SMSA prefix number which appears as part of the page number for each page. The prefix for this SMSA is 67.]

page

MAP

Counties, Standard Metropolitan Statistical Areas, and Selected Places х

INDEX OF TABLES

[The prefix letter "A" refers to tables for the total SMSA; tables for central cities and for places of 50,000 inhabitants or more, which follow in alphabetical order, have the prefix letter "B," "C," etc.]

Area	Prefix letter	Tables 1-10	Tables 11-18	Tables 19-26
		Pages	Pages	Pages
Total SMSA	Α	1 to 9	_	-
Evansville	В	10 to 18	_	_

LIST OF TABLES

[Tables 11 to 18 are shown if an area has 25,000 or more Negro population and tables 19 to 26 are shown if an area has 25,000 or more population of Spanish language]

TABLE

1 A	BLE
1	Value of Owner Occupied Housing Units: 1970
2	Gross Rent of Renter Occupied Housing Units: 1970
3	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970
4	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units: 1970
5	Rooms in Owner and Renter Occupied Housing Units: 1970
6	Units in Structure for Owner and Renter Occupied Housing Units: 1970
7	Household Composition for Owner and Renter Occupied Housing Units: 1970
8	Persons in Owner and Renter Occupied Housing Units: 1970
9	Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970
10	Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970
11	Value of Owner Occupied Housing Units With Negro Head of Household: 1970
12	Gross Rent of Renter Occupied Housing Units With Negro Head of Household: 1970
13	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
14	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970

TABLE

15 	Rooms in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
16	Units in Structure for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
17	Household Composition for Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
18	Persons in Owner and Renter Occupied Housing Units With Negro Head of Household: 1970
19	Value of Owner Occupied Housing Units With Household Head of Spanish Language: 1970
20	Gross Rent of Renter Occupied Housing Units With Household Head of Spanish Language: 1970
21	Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
22	Plumbing Facilities by Persons per Room for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
23	Rooms in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
24	Units in Structure for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970
25	Household Composition for Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

Persons in Owner and Renter Occupied Housing Units With Household Head of Spanish Language: 1970

Counties, Standard Metropolitan Statistical Areas, and Selected Places

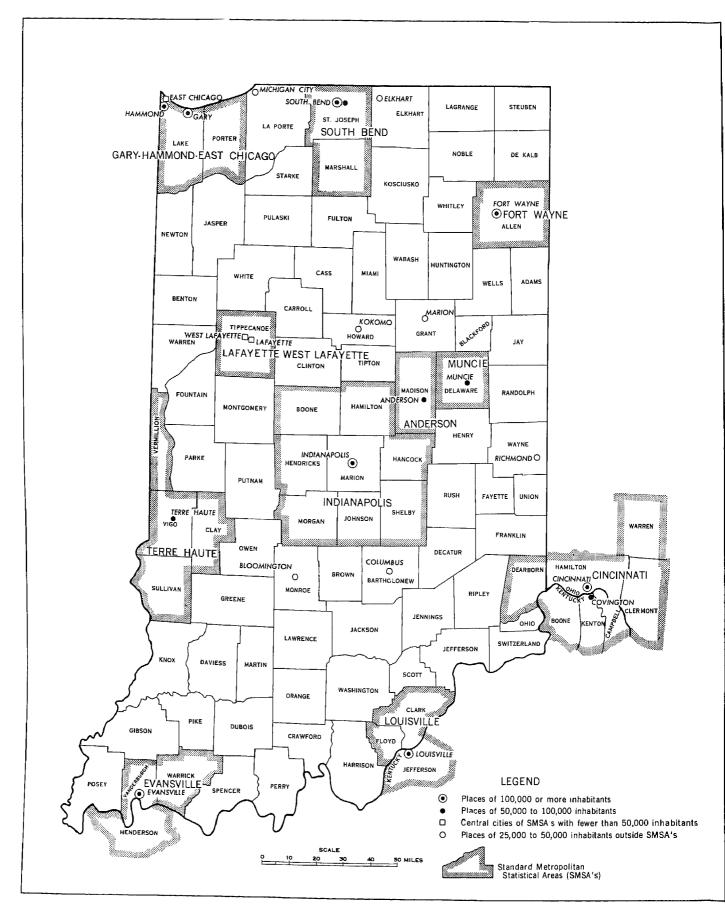


Table A-1. Value of Owner Occupied Housing Units: 1970

[Data based on sample, see text. For minimum base for derived figures (percent, median, etc.) and meaning of symbols, see text]

	[Dula pasea c	iii sampie, see	text. For min	milant base io	acrived rigor	es (percent, n	nedium, etc., u	no meaning o	- syllibols, see	lexij		
The SMSA	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	to	\$35,000 to \$49,999	o or	Median (dollars)
Specified owner occupied1	44 854	3 405	5 612	6 889	6 994	5 565	7 500	4 031	3 409	7 104	345	12 300
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 7 rooms 7 rooms 8 rooms Median	1 198 11 650 16 948 8 414	96 594 1 573 756 237 98 51 4.1	16 332 2 526 1 802 630 226 80 4.5	4 152 2 961 2 578 850 265 79 4.6	5 51 2 338 2 907 1 176 325 192 4.9	5 41 1 127 2 783 1 138 302 169 5.1	22 18 770 3 883 1 799 631 377 5.3	- 5 265 1 505 1 283 632 341 5.7	10 5 85 616 1 043 919 731 6.4	 96 227 235 546 7.5	- 5 22 31 63 224 7.5+	5000 5 000 9 000 12 900 15 500 20 000 26 500
PERSONS I person	5 304 14 227 8 122 7 749 4 752 4 700 2.9 558	1 070 1 156 418 278 181 302 2.0 90	1 170 2 179 777 623 359 504 2.3	976 2 460 1 241 894 572 746 2.5	777 2 301 1 290 1 245 682 699 2.8	425 1 554 1 192 1 115 697 582 3.2	520 2 104 1 431 1 625 1 094 726 3.3	183 1 264 808 830 488 458 3.2 38	152 861 705 802 444 445 3.5	26 273 196 260 189 160 3.7	5 75 64 77 46 78 3.9	8 600 11 400 13 200 14 400 14 600 12 900
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Locking same ar all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	43 625 21 677 18 541 2 865 542 1 229 693 403 69 69 69	2 668 1 622 769 203 74 737 438 204 45 50	5 322 3 173 1 633 415 101 290 149 126 10	6 764 3 517 2 515 613 119 125 58 48 10	6 948 3 340 3 019 518 71 46 27 15	5 560 2 311 2 836 361 52 5 5	7 485 3 127 3 859 424 75 15 10	4 026 1 988 1 805 199 34 5	3 403 1 711 1 559 117 16 6 6	1 104 675 419 10 - - - -	345 213 127 5	12 500 11 900 13 700 11 000 9 500 5000 – 5 000 – 5
BEDROOMS None and 1	2 833 18 726 18 449 4 480	1 014 1 896 585 102	820 3 233 1 601 354	392 4 155 2 026 417	308 3 579 2 668 438	99 2 333 2 557 378	114 2 148 4 578 464	41 741 2 034 594	45 539 1 998 867	62 348 620	40 54 246	6 200 10 100 14 800 20 700
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	856 3 199 3 325 11 769 8 118 17 587	5 28 10 219 453 2 690	- 41 58 550 882 4 081	5 62 133 1 235 1 590 3 864	23 90 272 2 193 1 679 2 737	34 218 401 2 207 1 134 1 571	125 711 871 2 975 1 336 1 482	243 838 687 1 209 492 562	276 865 598 822 451 397	106 271 218 265 96 148	39 75 77 94 5	24 900 22 700 19 600 14 400 11 700 8 800
COMPLETE BATHROOMS I and I 1/2 2 and 2 1/2 3 or more None or also used by another household	37 348 5 595 556 1 363	2 577 53 - 757	5 094 124 - 314	6 477 154 8 160	6 638 265 10 75	5 195 363 6 26	6 682 811 18 20	3 108 1 078 28 11	1 400 1 792 167	163 801 143	14 154 176	11 700 24 800 39 300 5000 —
HOUSEHOLD COMPOSITION Twe-ar-more-person households Make head, wike pressent, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Female head Under 65 years 65 years and over Come-person households Under 65 years 65 years and over	39 550 34 777 8177 6 217 7 993 14 701 5 049 1 431 1 103 328 2 238 1 104 5 304 2 042 2 042 3 362	2 335 1 798 34 161 270 832 501 117 81 36 420 265 155 1 070 269 801	4 442 3 624 93 343 594 1 569 1 025 215 154 603 393 210 1 170 382 788	5 913 5 062 163 731 1 058 237 1 72 65 614 393 221 976 380 596	6 217 5 389 1 33 1 016 1 081 2 324 835 324 241 83 504 359 145 777 349 428	5 140 4 632 1 83 1 059 1 088 1 832 470 145 139 6 363 224 139 425 198 198	6 980 6 384 128 1 465 1 581 2 667 543 191 160 31 405 286 119 520 293 227	3 848 3 530 49 740 1 061 1 399 281 97 71 26 221 153 68 183 91 92	3 257 3 059 20 546 948 1 331 214 68 58 10 130 100 23 152 65 67	1 078 987 10 136 322 417 102 26 21 5 65 47 18 26	340 312 4 20 139 129 20 11 6 5 17 11 6 5	12 900 13 300 12 200 14 500 15 200 13 100 9 900 11 100 10 100 10 100 10 200 10 500 9 600 8 600 9 700
INCOME IN 1969 tess than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$7,000 to \$9,999 \$7,000 to \$9,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	4 382 2 153 1 918 2 008 2 109 2 521 9 666 12 470 6 142 1 485 \$9 300	1 139 372 243 235 268 325 511 280 32	1 110 488 431 418 393 440 1 284 822 205 21 \$5 900	797 509 331 440 507 597 1 793 1 509 388 18 \$7 400	503 322 384 326 337 467 2 012 2 061 532 50 \$8 700	310 148 208 183 240 222 1 451 2 010 741 52 \$10 100	281 166 175 207 259 293 1 650 2 866 1 464 139 \$11 300	104 93 116 94 80 107 583 1 551 1 130 173 \$12 700	112 47 25 62 20 50 301 1 122 1 249 421 \$14 800	16 8 - 38 - 20 63 202 352 405 \$20 800	10 5 5 5 18 47 49 206 \$30 900	7 400 8 600 9 700 9 500 9 400 9 400 11 500 14 400 19 000 31 900
YEAR MOVED INTO UNIT 1969 to March 1970 1968 1967 1965 and 1966 1960 to 1964 1950 to 1959 1949 or earlier	3 818 2 798 3 046 5 090 8 095 12 360 9 655	161 138 145 276 452 787 1 428	280 281 315 476 771 1 373 2 036	334 254 319 623 1 110 2 068 2 091	393 332 377 817 1 323 2 096	477 312 424 681 1 154 1 790 752	884 462 594 913 1 556 2 204	536 418 402 606 873 977 413	517 448 371 512 546 699 266	174 127 73 149 232 266 86	62 26 26 37 78 100	16 300 15 900 14 700 13 800 13 300 12 300 9 100
HEATING EQUIPMENT Steam or hot water- Worm-dir furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	1 072 34 382 363 3 716 5 321	50 1 042 8 344 1 961	151 2 883 22 810 1 746	153 4 908 39 937 852	125 5 561 49 876 383	110 4 759 52 497 147	200 6 885 78 218 119	98 3 817 55 23 38	122 3 195 27 11 54	43 1 022 29 10	20 310 4 - 11	13 800 14 000 15 800 9 400 6 000
AIR CONDITIONING Room unit(s) Central system None.	17 980 11 383 15 499	715 48 2 624	1 912 207 3 413	3 248 441 3 110	3 919 813 2 256	3 133 894 1 563	3 304 2 753 1 474	1 113 2 481 631	491 2 539 329	128 924 55	17 283 44	12 000 21 100 8 900

*Limited to one-family homes on less than 10 acres and no business on property.

Table A-2. Gross Rent of Renter Occupied Housing Units: 1970

	Doru Susea Di	n sample, see	text. For m	inimum base	tor derived t	igures (percer	it, median, et	c.) and mean	ing of symbol	s, see text]			
The SMSA	Total	Less than \$50	\$50 to \$59	\$60 to \$69	\$70 to \$79	\$80 to \$99	\$100 to \$119	\$120 to \$149	\$150 to \$199	\$200 to \$299	\$300 or more	No cash rent	Median (dollars)
Specified renter occupied ¹	21 778	2 112	1 303	2 202	2 439	4 414	3 135	2 648	1 695	507	54	1 269	89
ROOMS	l		İ										
1 room	484 1 878 6 089 7 181 4 145 1 237 460 304 3.8	205 437 853 442 146 10 9 10 3.0	75 289 472 283 130 26 22 6 3.1	65 342 994 583 173 31 4 10 3.2	43 186 1 087 748 305 46 6 18 3.4	46 283 1 288 1 672 828 210 68 19 3.9	12 60 566 1 350 836 220 56 35 4.2	17 150 417 858 824 238 96 48	5 21 215 716 465 193 62 18 4.3	- 6 18 139 171 74 39 60 5.0	- - 5 5 26 14 4	16 104 179 385 262 163 84 76 4.4	54 65 76 96 109 119 127 130
PERSONS													. 1
1 person 2 persons 4 persons 5 persons 6 persons or more Median Units with roomers, boarders, or lodgers	5 941 6 261 3 811 2 737 1 402 1 626 2.3	1 175 486 166 143 53 89 1.4	624 284 181 94 46 74 1.6	868 605 321 187 101 120 1.9	737 768 421 243 157 113 2.1	849 1 389 909 552 310 405 2.5	472 911 706 511 217 318 2.8 54	481 755 526 428 230 228 2.7	275 504 303 329 147 137 2.7	60 163 106 99 43 36 2.8	10 25 5 4 - 10	390 371 167 147 98 96 2.2	71 91 95 103 99 98
PLUMBING FACILITIES BY PERSONS PER ROOM													
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50	20 181 8 817 9 211 1 558 595 1 597 722 645 106 124	1 517 850 538 87 42 595 302 261 10 22	1 004 536 383 44 41 299 135 133 5	2 016 957 830 152 77 186 55 92 23 16	2 271 986 1 038 161 86 168 66 60 27	4 305 1 575 2 131 414 185 109 28 41 21	3 115 1 183 1 549 287 96 20	2 636 1 075 1 296 249 16 12 - - 7	1 679 743 823 86 27 16 11 5	496 256 209 27 4 11 7	54 40 8 6 	1 088 616 406 45 21 181 112 40 13	92 89 94 94 83 54 50 53
BEDROOMS												-	
None	586 8 563 8 779 3 829	204 1 234 389 195	68 597 457 122	92 1 343 745 78	46 1 297 884 210	64 1 730 2 058 628	23 1 017 1 521 550	17 683 1 198 692	25 244 910 628	23 206 194	- - 66	47 395 411 466	60 77 96 116
YEAR STRUCTURE BUILT													
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1959 1940 to 1949	517 1 954 676 2 524 3 577 12 530	34 290 108 252 165 1 263	10 17 23 127 150 976	26 31 15 171 312 1 647	6 18 16 215 511 1 673	41 96 51 403 819 3 004	71 101 62 367 734 1 800	158 345 173 461 523 988	114 714 94 230 207 336	32 255 39 86 21 74	30 10 9 - 5	25 57 85 203 135 764	131 154 124 100 95 82
ELEVATOR IN STRUCTURE		İ											
4 floors or more With elevator Walk-up 1 to 3 floors	531 513 18 21 226	198 198 - 1 824	- - 1 244	23 23 - 2 235	41 23 18 2 396	43 43 - 4 437	3 111	23 23 - 2 567	88 88 - 1 719	71 71 - 352	44 44 - 22	1 319	82 87 90
COMPLETE BATHROOMS													
1 and 1 1/2 2 or more None or also used by another household	19 348 657 1 763	1 442 - 671	1 018 8 322	1 956 6 203	2 224 33 155	4 161 43 151	3 100 46 42	2 526 72 22	1 593 104	340 189 10	6 47	982 109 174	91 182 54
INCOME IN 1969			322	200	133		72						
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	1 906 1 888 1 734 4 310	1 174 304 155 140 93 74 77 66 17 12 \$2000-	517 183 132 150 65 92 115 44 5	561 249 294 248 185 176 334 138 12 5	426 258 293 271 251 263 466 169 38 4	612 264 487 466 571 375 1 038 493 87 21 \$5 700	278 186 216 286 320 316 859 571 91 12 \$6 900	181 94 170 162 200 198 739 700 188 16 \$8 300	125 44 49 82 81 94 413 480 304 23 \$9 700	33 6 25 21 21 18 48 135 173 27 \$13 000	10 - - 5 - 10 14 15	349 113 105 75 101 128 221 119 49 9	65 72 81 84 88 91 100 117 154
YEAR MOVED INTO UNIT		,	42 / 30	4. 000	Ψ4 ,00	Ψ5 700	40 700	φυ 000	Ψ, 100	φιο σου		47.102	
1969 to March 1970	3 111 1 663 2 463	566 288 188 351 446 203 71	383 192 116 147 274 139 97	739 281 125 226 438 275 81	929 393 224 266 352 215	1 900 658 258 480 713 267	1 441 443 328 382 386 139 69	1 379 372 203 299 206 111	1 137 252 76 131 53 38 23	279 80 37 46 50 26	35 6 6 6	296 146 108 129 207 227 152	98 89 90 87 79 74
GROSS RENT AS PERCENTAGE OF	5.5	"	"	91	33	"	04	50	23	21	_	1,52	,4
Less than 10 percent	4 362 3 772 2 538 2 829	346 277 199 223 319 686 62	168 200 167 126 142 468 32	285 487 336 228 203 596 67	299 621 375 215 347 521 61	361 1 078 924 456 633 899 63	167 750 676 456 472 556 58	111 540 640 444 350 524 39	94 300 350 299 278 365	104 100 91 72 140	10 5 5 13 21	 1 269	74 89 97 101 92 82 76
AIR CONDITIONING Room unit(s)	6 307	201	175	374	444	, 201	1 200	,	100	100		120	100
Central system	2 399 13 062	1 890	173 11 1 162	3/4 24 1 767	644 54 1 714	1 391 141 2 823	1 398 181 1 609	1 039 495 1 086	497 906 307	109 350 80	6 47	473 168 624	102 160 78

1Excludes one-family homes on 10 acres or more.

Table A-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

	Logia pasea a	n sample, see	text. For min	imum base to	r derived tigur	es (percent, r	nedian, etc.) a	ua meaning o	r symbols, see	TEXT		
The SMSA	Takal	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 to	\$25,000 or	Median
Owner occupied housing units	Total 52 191	5 546	2 683	2 380	2 489	2 575	3 071	11 140	13 889	\$24,999 6 804	1 614	(dollars)
ROOMS	368	177	33	25	15	19	5	46	28	20	_	2 200
3 rooms 4 rooms 5 rooms	2 046 14 115 18 972	720 2 204 1 548	230 1 161 833	169 934 831	179 948 816	113 961 947	186 1 123 1 104	288 3 220 4 641	127 2 809 5 577	24 693 2 367	10 62 308	3 400 6 800 9 200
7 rooms or more	9 469 7 221	551 346	261 165	281 140	273 258	350 185	455 198	1 893 1 052	3 198 2 150	1 865 1 835	342 892	11 000 12 900
PERSONS 1 person 2 persons	16 859	3 439 1 545	791 1 509 292	610 1 283 399	507 1 278 482	320 1 158 788	256 1 261 989	516 3 235 4 634	282 3 494 6 402	78 1 633	33 463 635	2 000 7 400
3 and 4 persons 5 persons 6 persons or more	18 072 5 251 5 177	414 84 64	45 46	43 45	95 127	172 137	289 276	1 469 1 286	1 807 1 904	3 037 1 012 1 044	235 248	10 800 11 200 11 600
Units with roomers, boarders, or lodgers BEDROOMS	1	192	68 l 2 261	53 2 004	37 (1 480	1 533	26 1 887	112 5 520	5 235	1 622	19 342	4 800 6 700
Less than 3	26 437 20 723 4 964	4 553 962 266	625 104	557 43	697 186	908 63	923 154	5 110 689	6 768 1 685	3 517 1 081	656 693	10 400 12 900
YEAR STRUCTURE BUILT 1959 to March 1970 1960 to 1968 1950 to 1959	1 279 8 145 12 728	54 369 530	18 155 355	34 172 389	55 143 354	76 280 524	43 390 675	267 1 700 2 925	417 2 708 4 393	246 1 712 2 127	69 516 456	11 100 11 600 10 700
1949 or earlierYEAR MOVED INTO UNIT	30 039	4 593	2 155	1 785	1 937	1 695	1 963	6 248	6 371	2 719	573	7 400
1969 to March 1970 1968 1960 to 1967 1959 to e earlier	4 870 3 421 18 394 25 506	334 186 1 239 3 730	97 91 551 1 876	217 80 506 1 491	146 133 633 1 620	238 140 827 1 419	340 189 1 119 1 473	1 318 888 4 290 4 637	1 435 1 065 5 872 5 539	584 536 2 795 2 990	161 113 562 731	9 400 10 000 10 000 7 700
SELECTED CHARACTERISTICS Automatic clothes washing machine	35 472 25 226	2 139 1 015	1 374 614	1 351 527	1 329 727	1 394 653	1 750 981	8 219 6 05 0	10 970 8 597	5 341 4 595	1 605 1 467	10 100 11 200
Dishwasher Home food freezer Owned second home	6 066 16 504 1 587	115 1 144 61	141 609 130	64 565 32	118 677 18	45 629 104	41 729 60	856 3 810 344	1 710 4 737 527	1 806 2 657 251	1 170 947 60	14 800 10 100 10 400
With air conditioning Room unit(s) Central system	33 093 20 887 12 206	1 834 1 467 367	1 239 1 018 221	1 171 905 266	1 185 964 221	1 313 1 010 303	1 729 1 332 397	7 107 5 187 1 920	10 179 6 096 4 083	5 858 2 576 3 282	1 478 332 1 146	10 500 9 200 12 900
Automobiles available: 1	24 151 19 211 3 291	2 220 341 44	1 485 180 32	1 683 243 34	1 839 318 60	1 781 524 60	2 059 789 90	5 963 4 279 490	5 270 7 452 1 003	1 551 4 134 1 171	300 951 307	7 500 12 000 14 200
Renter occupied housing units	{	4 382	1 796	2 009	1 983	1 950	1 782	4 509	3 100	1 005	148	5 600
ROOMS	484	214	48	38	48	41	38	33 157	12 101	12 25	- 5	2 600 2 600
2 rooms 3 rooms 4 rooms	1 901 6 137 7 494	834 1 771 990	205 661 503	211 684 701 220	123 607 707 376	156 573 693 350	84 433 641 387	850 1 834 1 117	450 1 051 940	94 299 310	74 75 19	3 700 6 200 7 500
5 roams	4 404 2 244	398 175	287 92	155	122	137	199	518	546	265	35	8 400
1 person 2 persons 3 ond 4 persons	6 003 6 490 6 858	2 732 978 535	741 546 365	546 691 515	496 660 570	348 573 697	324 448 658	502 1 234 1 898	214 948 1 222	87 346 357	13 66 41	2 400 5 600 7 100 7 500
5 persons 6 persons or more Units with roomers, boarders, or lodgers	1 499 1 814 451	60 77 159	45 99 27	105 152 51	148 109 48	174 158 31	153 199 46	402 473 60	334 382 29	72 143	22	7 700 3 800
BEDROOMS None	586	321		46	68	63	44	44		102	24	2000 — 4 200
1	8 605 9 138 4 281	2 301 1 158 453	866 503 234	982 668 229	848 856 324	839 854 249	509 830 480	1 235 2 367 904	899 1 246 997	548 347	108 64	6 600 7 600
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968		90 493	38 175 146	49 166 208	24 149 228	41 180 189	27 111 185	54 534 626	138 517 411	56 292 130	5 90 10	6 700 7 400 6 300
1950 to 1959 1949 or earlier YEAR MOVED INTO UNIT	2 596 16 839	463 3 336	1 437	1 586	1 582	1 540	1 459	3 295	2 034	527	43	5 300
1969 to March 1970 1968 1960 to 1967 1959 or earlier	9 362 3 236 7 534 2 532	1 464 538 1 631 761	693 293 582 273	956 292 550 207	907 238 552 252	1 021 264 563 135	656 305 653 143	1 857 670 1 591 351	1 274 453 1 080 291	486 159 280 107	24 52 12	6 000 5 800 4 100
GROSS RENT AS PERCENTAGE OF INCOME	21 778	4 266	1 701	1 926 87	1 906 187	1 888 285	1 734 571	4 310 2 067	2 925 1 999	978 815	144 135	5 600 9 800
Less than 15 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent	6 203 3 772 2 538 2 829	12 27 102 308	45 104 179 410	155 331 760	442 414 562	674 406 339	466 362 177	1 208 578 220	602 155 44	94 11 9	-	7 000 5 600 3 900 2000
35 percent or more		3 077 740	850 113	488 105	226 75	83 101	30 128	16 221	119	49	9	2 800
SELECTED CHARACTERISTICS Automatic clothes washing machine Clothes dryer	7 413 3 901	400 172	278 195	548 45	545 249	480 232 38	702 409 110	2 070 1 065 244	1 734 1 096 252	620 402 83	36 36 97	8 100 8 800 9 200
Dishwasher Home load freezer Owned second home With air conditioning	996 2 064 422	103 92 36 980	23 165 _ 527	46 98 61 581	214 71 542	102 - 720	197 22 687	575 83 2 019	418 62 1 963	186 64 742	17 23 106 21	7 900 7 800 7 600 7 100
Roam unit(s) Central system Automobiles available:	8 867 6 453 2 414	724 256	435 92	440 141	542 395 147	578 142	580 107	1 616 403	1 342 621 1 632	322 420 383	85	9 400 6 300
1	11 691 4 337 473	1 037 197 39	806 89 11	1 148 192 -	1 200 251 14	† 335 295 44	1 181 322 12	2 911 1 193 111	1 171 1 156	570 79	57	9 100 10 200

¹Excludes one-family homes on 10 acres or more.

Table A-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

	[Data based on		With all	plumbing facili	ties			Lacking some	or all plumbing	facilitie s	
he SMSA			0.50	0.51	1.01	1.51		0.50	0.51	1.01	1.51
	Total	Total	or less	1.00	1.50	or more	Total	or less	1,00	1.50	or marê
Owner occupied housing units	52 191	50 338	25 431	21 123	3 170	614	1 853	1 100	582	91	80
ERSONS person	6 832	6 166	6 137	29	_		666	638	28	~	
persons	16 859	16 269	15 543	707	_	19	590	446	144	-	-
personspersons	9 388 8 684	9 192 8 513	2 984 570	6 193 7 898	36	15	196 171	12 4	184 147	20	-
personspersons or more	5 251 5 177	5 154 5 044	197	4 273 2 023	654 2 480	30 541	97 133	=	42 37	35 36	20 60
edian	2.8	2.8	1.9	4.0	6.2	7.5+	1.9	1.4	3.1		,
nits with roomers, boarders, or lodgers	682	652	291	309	46	6	30	16	9	5	
EAR STRUCTURE BUILT											
269 to March 1970 265 to 1968	1 231 4 278	1 231 4 219	522 1 683	648 2 231	55 249	6 56	59	14	- 45	-	_
760 to 1964 750 to 1959	3 920 12 496	3 886 12 329	1 506 4 832	2 078 6 400	231 918	71 179	34 167	28 42	6 101	16	8
P40 to 1949	8 916	8 672	4 511	3 382	637	142	244	150	65 322	22 48	7 40
239 or earlier	21 350	20 101	12 596	6 255	1 025	225	1 249	839	322	40	40
NCOME IN 1969 ess than \$2,000	5 546	4 783	4 217	515	42	9	763	670	83	5	5
2,000 to \$2,999 3,000 to \$3,999	2 683 2 380	2 455 2 249	2 090	329	24	12	228 131	149 67	67 55	5 9	7
4,000 to \$4,999	2 489	2 376	1 763 1 755	448 515	33 79	27	113	52	45	4	12
i,000 to \$5,999 i,000 to \$6,999	2 575 3 071	2 460 2 964	1 498 1 531	805 1 197	121 192	36 44	115 107	47 37	56 30	12 14	26
,000 to \$9,999 0,000 to \$14,999	11 140 13 889	10 888	4 166	5 566	974	182	252	58 15	139 85	37 5	18
15,000 to \$24,999	6 804	13 777 6 777	4 899 2 601	7 548 3 555	1 131 531	199 90	112 27	_	22	_	:
25,000 or more	1 614 \$9 000	1 609 \$9 200	911 \$6 900	645 \$10 800	43 \$10 500	\$9 900	5 \$2 700	5 \$2000	\$5 700		
ALUE-INCOME RATIO		·		•		·	,				
Specified owner accupied ¹	44 854 22 003	43 625 21 448	21 677 8 206	18 541 10 839	2 865 2 022	542 381	1 229 555	693 130	403 308	69 65	64 51
.5 to 1.9	8 101	7 975	3 669	3 788	443	75	126	79	40	-	5
0 to 2.4 5 to 2.9		4 202 2 374	2 146 1 377	1 767 886	246 87	43 24	71 76	66 57	15	- 4	
0 to 3.9	2 709	2 552	1 879	634	29	10	157	136	21 14	_	
0 or more ot computed		4 738 336	4 148 252	548 79	33 5	9	216 28	202 23	5	=	
EATING EQUIPMENT											
leam or hot water	1 408 39 000	1 388 38 635	814 19 139	501 16 700	73 2 367	429	20 365	9 210	11 121	23	1
uilt-in electric units	493	468	228	202	24	14	25	6	15	4 9	
loor, wall, or pipeless furnace	7 044	4 158 5 689	1 972 3 278	1 849 1 871	285 421	52 119	88 1 355	28 847	51 384	55	6
lone	-	-	-	-	-	-	-	-	-	_	
Renter occupied housing units	22 664	20 786	9 001	9 500	1 671	614	1 878	843	743	153	13
PERSONS person	. 6 003	5 177	4 050	210			974	619	207	_	
! persons	6 490	6 098	4 958 3 681	219 2 395	_	22	826 392	196	174	-	. 2
personspersons			289 57	3 366 2 390	85 215	46	228 182	17 11	189 127	22 32	1
persons or more	1 499	1 401	16	831	422	132	98	-	20 26	47 52	3
Aedian			1.4	299 3.1	949 5.7	414 7.0	152 1.8	1.2	2.4	5.0	6
Inits with roomers, boarders, or lodgers	- 451	425	128	265	25	7	26	-	26	-	
FEAR STRUCTURE BUILT											
969 to March 1970	1 930		272 1 034	176 789	11 51	19	37	29	_	-8	
1960 to 1964	- 726 2 677		344 903	317 1 364	42 265	15	8	8 49	40	5	1
1940 to 1949	_ 3 623	3 502	1 500	1 674	231	35 97	110 121	52	29	21 133	j 11
	13 249	11 622	4 975	5 083	1 073	491	1 627	724	658	133	
INCOME IN 1969 Less than \$2,000	- 4 382	3 651	2 506	1 012	82	51	731	510	176	16	2
\$2,000 to \$2,999 \$3,000 to \$3,999	- 1 79 <i>6</i>	1 543	885 839	540 681	82	36	253	136	88	5 21	2
\$4.000 to \$4.999	1 093	1 814	801	803	169 166	104 44	216 169	51 63	144 82	14	1
\$5,000 to \$5,999 \$6,000 to \$6,999	. 1 782		603 562	990 842	144 176	84 76	129 126	22 22	72 68	24 12	!
\$7,000 to \$9,999 \$10,000 to \$14,999	4 509	4 351	1 306	2 525	384	136	158	35	59	40	i
\$15,000 to \$24,999	1 005	994	1 023 389	1 570 504	369 80	53 21	85 11	4	43 11	21	
\$25,000 or more Median	- 148 - \$5 600		87 \$4 300	33 \$6 900	19 \$7 100	\$5 900	\$2 800	\$2000 -	\$3 70 0	\$5 900	\$5 60
GROSS RENT AS PERCENTAGE OF INCOM					** .**	73	1	42	,		
Specified renter occupied?	1 841		8 817 490	9 211 859	1 558 210	595	1 597 211	722 32	645 130	106 17	12
IO to 14 percent	4 362	4 167	1 305	2 321	387	154	195	50	101	21	
20 to 24 percent	2 538	2 395	1 217 1 027	1 925 1 092	341 215	97 61	192 143	46 80	113 51	12 12	
25 to 34 percent 35 percent or more	_ 4 776	2 639	1 249 2 723	1 148 1 305	142 203	100	190	77	83 121	21	<u>;</u>
Not computed	- i 660		806	561	60	21	454 212	310 127	46	23	i
	1	1									
HEATING EQUIPMENT Steam or hot water	0.100	1 2000									
HEATING EQUIPMENT Steam or hot water	1 10 010	11 830	1 059 5 373	747 5 342	50 885	37 230	207 380	58 189	128 138	27	3
HEATING EQUIPMENT Steam or hot water	- 12 210 - 203	11 830 203 1 555								27	

*Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	(Data based on s	ample, see text.	For minimum ba	ise for derived fi	gures (percent, n	nedian, etc.) and	meaning of sym	DOIS, SEE TEXT]	,	
The SMSA	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	52 191	104	264	2 046	14 115	18 972	9 469	4 087	3 134	5.0
Units with 1 or more bothrooms and complete kitchen facilities for exclusive use, and direct access	50 062	79	132	1 574	13 335	18 208	9 447	4 143	3 144	5.0
PERSONS		57	175	982	2 616	1 921	675	247	159	4.3
1 person	6 832 16 859 9 388	19 15	72	779 149	6 266 2 414	5 970 3 814	2 341 1 781	872 730	540 485	4.7 5.1
3 persons	8 684 5 251	4 9	5 7	56 34	1 699 689	3 451 2 082	2 030 1 251	865 607	574 572	5.2 5.4
5 persons 6 persons ar more Median	5 177 2.8	1,4	5 1.3	46 1.6	431 2.2	1 734 2.9	1 391 3.5	766 3.7	804 4.2	5.8
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities	50 338 25 431	76	1 54 104	1 623 733	13 364 8 380	18 59 1 7 706	9 353 4 718	4 057 1 844	3 120 1 946	5.0 5.0
0.50 or less 0.51 to 1.00 1.01 to 1.50	21 123 3 170	29	40	790 36	3 934 900	9 197 1 442	3 947 643	2 054 111	1 132 S	5.1 (5.0)
1.51 or more Locking some or all plumbing facilities	614 1 853	47 28	10 110	64 423	150 751	246 381	45 116	48 30	14	4.6 4.0
0.50 or less 0.51 to 1.00	1 100 582	28	71 32	249 138	502 179	185 150	79 31	5 19	9 5	4.0 4.0
1.01 to 1.50 1.51 ar more	91 80		7	20 16	43 27	22 24	ة	6	~	
BEDROOMS										
Name and 1	4 275 22 162	81	343	1 824 409	1 378 12 050	554 7 940	41 1 475	16 228	38 60	3.4 4.4
4 ar more	20 723 4 964	_	_	~	643	10 822 89	6 496 1 093	2 111 1 537	651 2 245	5.4 7.3
YEAR STRUCTURE BUILT									j	ĺ
1969 ta March 1970 1960 ta 1968	1 279 8 145	32	- 45	19 148	239 1 378	387 2 979	231 1 784	226 872	177 907	5.5 5.3
1950 to 1959	12 728 30 039	18 54	32 187	254 1 625	3 165 9 333	5 609 9 997	2 289 5 165	925 2 064	436 1 614	5.0 4.9
COMPLETE BATHROOMS	30 007					ļ				
1 and 1 1/2	43 314 6 836	87	126	1 542 32	13 188 194	17 103 1 132	7 616 1 837	2 394 1 749	1 258 1 886	4.9 6.6
2 ar mare		26	107	444	806	436	169	34	19	4.1
VALUE-INCOME RATIO			101	1 198	11 650	16 948	8 414	3 696	2 790	5.7
Specified owner occupied Less than 1.5	22 003	55 18	103 24 12	460 158	6 090 1 628	8 736 2 973	4 144 1 809	1 531 835	1 000	5.0 5.3
1.5 to 1.9	6 723	15 13	5 62	188 377	1 399 2 448	2 512 2 610	1 296 1 087	731 573	577 493	5.2 4.9
3.0 or more Not computed	7 663 364	5	-	15	85	117	78	26	38	5.2
Renter occupied housing units	22 664	484	1 901	6 137	7 494	4 404	1 378	520	346	3.9
Units with 1 or more bathrooms and complete kitchen facilities for exclusive)				ŀ				291	3.9
use, and direct access	20 523	156	1 475	5 570	6 910	4 290	1 374	457	271	3.7
PERSONS	6 003	426	1 340	2 603	1 172	343	70	23	26	3.0
1 person 2 persons 3 persons	6 490	44	396 107	2 173 861	2 366 1 820		331 170	81 86	51 50	3.8 4.1 4.4
4 persons 5 persons	. 2 890	14	44 10	247 153	1 237 469	968 551	209 208 390	103 73 154	68 35 116	4.7 5.1
6 persons or more	1 814 2.3	1.1	1.2	100 1.7	430 2.6		4.1	4.2	4.2	}
PLUMBING FACILITIES BY PERSONS PER ROOM	1						, ,,,,	474	319	3.9
With all plumbing facilities	20 786 9 001	248	1 476 1 014	5 702 2 435	6 964 3 295		1 321 553	162 224	189 107	3.8 4.0
0.51 to 1.00 1.01 to 1.50	9 500	219	328 85	2 843 215	644	2 343 465 121	562 176	63 25	23	4.3 3.6
1.51 or more Lacking same ar all plumbing facilities	. 1878	29	49 425	209 435		122	30 57	46 28	27 22	3.1 3.1
0.50 or less 0.51 to 1.00	. 843 743	207	326 68	168 191	183	50 23	18 25 9	14	5 -	3.0 3.9
1.01 to 1.50 1.51 or more		29	22	32 44		ii	5	-	-	3.2
BEDROOMS								_	_	1.1
None 1	8 605	472	91 1 610	23 5 758	1 013		16 264	 44	67	3.0 4.1
3 or more		_		620	104			535	381	5.4
YEAR STRUCTURE BUILT)							11	13	3.5
1969 to March 1970		6 22	91 242	160 699	1 090	434	141 201	60 77	19 37	3.9 4.3
1950 to 1.959 1949 or earlier	2 596	17	62 1 506	452 4 826			1 027	372	277	3.8
COMPLETE BATHROOMS								348	170	3.9
l and 1 1/2 2 or more	. 19 933 674	206	1 475	5 565 12	122	152	1 236 138 73	109 46	121	5.7 3.2
Name or also used by another household	2 057	278		443	619	130	/3		55	
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied?	21 778	484	1 878	6 089			1 237	460	304 35	3.8 3.9
Less than 10 percent 10 to 14 percent	. 1841	69	130 204	462 1 072	585 1 679	397 925	109 254	54 108 53	27 40	4.0
15 to 19 percent 20 to 24 percent	3 772	1 34	244	806 690	1 437 825	529	250 164	73	39 25	4.0 4.1 3.9 3.7 3.3 4.2
25 to 34 percent 35 percent or more	2 829	63	251 721	906 1 832	952 1 243	. 606	124	51	56 82	3.3
Not computed	1 660	39	153	321	460	338	183	84		

^{*}Limited to one-family homes on less than 10 acres and no business on property.

Table A-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

		Owner oc		num base for		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Renter oc			··	
The SMSA	Total	1 unit	2 units or more	Mobile home or trailer	Total	l unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or mare	Mobile home or trailer
All occupied housing units	52 191	48 409	1 966	1 816	22 664	11 241	3 555	2 873	2 315	1 069	1 317	294
ROOMS				į								
1 room	104 264 2 046 14 115 18 972 9 469 4 087 3 134 5.0	67 122 1 365 12 462 18 059 9 248 4 037 3 049 5.1	5 71 408 601 551 195 50 85 4.3	32 71 273 1 052 362 26 - - 4.0	484 1 901 6 137 7 494 4 404 1 378 520 346 3.9	26 318 1 680 4 190 3 115 1 137 484 291 4.4	33 297 1 262 1 186 633 120 5 19 3.7	65 477 1 245 865 155 52 9 5	106 442 992 499 203 48 	80 103 381 301 187 6 5 6 3.4	174 257 496 288 77 15 10 -	7 81 165 34 7 3.9
PLUMBING FACILITIES BY PERSONS PER ROOM	ł			1								
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more 1.50 or less 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	25 431 21 123 3 170 614 1 853 1 100 582 91	46 775 23 412 19 789 3 005 569 1 634 951 525 81 77	1 824 1 245 498 71 10 142 106 31 5	1 739 774 836 94 35 77 43 26 5	20 786 9 001 9 500 1 671 614 1 878 843 743 153 139	10 170 3 708 5 000 1 099 363 1 071 444 417 119 91	3 367 1 564 1 524 205 74 188 124 32 26 6	2 604 1 249 1 122 152 81 269 152 100 8	2 191 1 064 917 136 74 124 65 55 4	989 529 384 59 17 80 17 51	1 195 766 424 5 - 122 28 82 - 12	270 121 129 15 5 24 13 6
BEDROOMS				1								
None	. 4 194 22 162 20 723	22 3 023 20 102 20 175 4 924	914 822 214 40	59 257 1 238 334	586 8 605 9 138 3 362 919	24 2 280 5 320 2 858 726	63 1 984 1 369 219 42	88 1 530 1 005 65 20	115 1 440 434 73 102	47 556 390 59 29	249 743 383 68	72 237 20
YEAR STRUCTURE BUILT		_										
1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	4 224 3 921 12 728 8 893	980 3 403 3 572 12 335 8 552 19 567	26 41 15 140 246 1 498	273 780 334 253 95 81	522 2 009 698 2 596 3 657 13 182	163 350 301 1 545 1 773 7 109	116 193 67 247 701 2 231	21 172 60 332 386 1 902	66 253 96 282 590 1 028	41 379 63 118 172 296	110 547 45 6 15 594	5 115 66 66 20 22
INCOME IN 1969	Ì											
Less than \$2,000 \$2,000 to \$2,099 \$3,000 to \$2,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more Median	2 683 2 380 2 489 2 575 3 071 11 140 13 889 6 804 1 614	4 847 2 405 2 126 2 250 2 301 2 741 10 335 13 262 6 576 1 566 \$9 200	499 185 140 150 117 125 319 227 165 39 \$5 100	200 93 114 89 157 205 486 400 63 9 \$7 300	4 382 1 796 2 009 1 983 1 950 1 782 4 509 3 100 1 005 148 \$5 600	1 530 778 788 896 999 948 2 772 1 949 537 44 \$6 700	778 249 332 411 280 266 686 437 106 10	760 300 400 293 234 202 378 216 84 6	618 265 268 214 243 197 291 148 66 5 \$4 000	183 74 82 86 52 87 166 182 123 34 \$6 700	452 112 103 58 103 69 142 140 89 49 \$3 900	61 18 36 25 39 13 74 28
YEAR MOVED INTO UNIT				İ								
1949 to March 1970 1948 - 1947 - 1945 and 1946. 1940 to 1944 - 1950 to 1959	4 870 3 421 3 343 5 990 9 061 13 049 12 457	4 077 2 975 3 143 5 415 8 503 12 559 11 736	204 89 67 174 346 394 714	589 357 133 401 212 96 7	9 362 3 236 1 716 2 562 3 256 1 643 889	4 267 1 654 954 1 238 1 765 927 564	1 523 518 228 338 504 246 142	1 290 432 223 257 468 197 30	980 327 204 272 349 104 84	582 112 14 154 93 71	491 177 74 273 72 98 53	229 16 19 30 5
GROSS RENT Specified renter occupied												
Less than \$50 \$50 to \$59 \$60 to \$69 \$70 to \$79 \$80 to \$79 \$80 to \$79 \$100 to \$117 \$120 to \$114 \$150 to \$199 \$200 to \$299 \$300 or mare No cosh rent Median					21 778 2 112 1 303 2 202 2 439 4 414 3 135 2 648 1 695 507 54 1 269 \$89	10 355 570 502 823 925 2 314 1 897 1 378 742 201 24 979 \$96	3 555 223 262 496 552 749 454 444 209 29 5 132 \$84	2 873 411 263 394 375 683 407 137 159 8 	2 315 382 201 311 481 422 127 207 114 37 33 \$75	1 069 104 27 77 49 136 129 225 211 95 5 11	1 317 417 38 86 51 86 62 167 236 137 20 17 \$95	294 5 10 15 6 24 59 90 24 - - 61 \$119
HEATING EQUIPMENT												
Steam ar hot water	1 408 39 000 493 4 246 7 044	1 187 36 556 444 3 909 6 313	221 1 288 12 109 336	1 156 37 228 395	2 100 12 210 203 1 606 6 539 6	240 5 548 70 971 4 406 6	175 2 108 23 330 919	243 1 808 32 173 617	684 1 244 44 98 245	277 696 22 - 74	481 609 12 6 209	197 28 69
AIR CONDITIONING												~
Room unit(s) Central system None	20 887 12 206 19 098	18 913 11 7 9 6 17 699	914 215 859	1 060 195 540	6 453 2 414 13 797	3 448 497 7 424	1 057 344 2 098	704 214	631 284	212 496	264 527	137 52
AUTOMOBILES AVAILABLE	1, 3,0	16 077	760	34U	13 171	/ 424	∠ U98	1 979	1 405	318	447	126
2 3 or more	24 151 19 211 3 291 5 538	22 040 18 303 3 137 4 928	1 045 390 79 474	1 066 518 75 136	11 691 4 337 473 6 163	6 014 2 771 323 2 261	1 762 591 53 1 093	1 374 292 42 1 189	1 206 256 35 823	648 184 5 189	511 173 7 547	176 70 8 61

'Excludes one-family homes on 10 acres or more.

Table A-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

		Two-or-more-person households							One-person	households		
The SMSA			Male head, wit	fe present, no	nonrelatives		Other mo	le head	Female	head		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	52 191	1 188	6 983	8 736	16 807	6 016	1 257	400	2 655	1 317	2 669	4 163
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less		1 154 455	6 916 1 087	8 572 1 312	16 466 8 674	5 730 4 718	1 189 597	376 247	2 568 1 309	1 201 895	2 488 2 468	3 678
0.51 to 1.00	21 123 3 170	662 28	5 081 645	5 604 1 399	6 811 805	962 39	501 81	129	1 076 145	268 28	20	3 669 9
1.51 or more Lacking some or oil plumbing facilities	1 853	9 34	103 67	257 164	176 341	286	10 68	24	38 87	10	187	485
0.50 or less 0.51 to 1.00 1.01 to 1.50	. 582	29 5	6 29 14	5 104 24	110 1 76 34	187 94 5	46 18	14 10	43 32	51 62	165 16	473 12
1.51 or more		-	18	31	21	-	4 -	-	5 7	3	_	<u>-[</u>
UNITS IN STRUCTURE		864 29	6 452 123	8 464 107	16 106 392	5 627 295	1 179 23	382 18	2 392 129	1 190 112	2 220 239	3 533 499
Mobile home or trailer		295	408	165	309	94	55	-	134	15	210	131
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999	5 546 2 683	34 10	81 23	61 18	333 245	762 1 151	71 14	60 52	378 188	327 191	657 147	2 782 644
\$3,000 to \$3,999 \$4,000 to \$4,999	2 380 2 489	49 53	19 50	35 137	339 500	937 695	47 70	48 39	191 293	105 145	372 311	238 196
\$5,000 to \$5,999 \$6,000 to \$6,999	3 071	120 109	222 493	219 369	762 1 045	408 384	115 101	9 16	299 224	101 74	213 213	107
\$7,000 to \$9,999 \$10,000 to \$14,999	. 13 889	397 3 6 5	2 434 2 777	2 059 3 692	3 927 5 296	678 573	345 299	57 87	571 373	156 145	435 236	81 46
\$15,000 to \$24,999 \$25,000 or more	. 1 614	46 5	746 138	1 725 421	3 563 797	279 149	164 31	21	120 18	62 11	62 23	16
WALUE-INCOME RATIO		\$8 700	\$10 300	\$12 000	\$11 200	\$4 200	\$8 800	\$5 100	\$5 900	\$4 200	\$4 500	\$2000 —
Specified owner occupied: Less than 1.5 1.5 to 1.9	22 003	817 456	6 217 3 239	7 993 4 588	14 701 9 535	5 049 1 480	1 103 674	328 119	2 238 865	1 104 329	2 042 542	3 262 176
2.0 to 2.4 2.5 to 2.9	4 273	125 111	1 462 740 386	1 846 875 365	2 609 1 072 555	805 601 361	187 98 33	47 34 26	384 238 122	136 110	346 187	154 207
3.0 to 3.9	2 709	58 30 33	257 119	200 103	434 441	741	38 46	42 56	180 373	71 137 321	222 165 482	251 485 1 939
Not computed	364	4	14	16	55	20	27	4	76	-	98	50
Renter occupied housing units	22 664	2 853	3 595	2 004	3 069	1 091	789	97	2 689	474	3 295	2 708
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	20 786	2 769	3 467	1 887	2 771	969	739	81	2 526	400	2 909	2 268
0.50 or less 0.51 to 1.00	9 500	664 1 876	500 2 316	219 1 057	1 018 1 438	506 415	251 386	26 51	673 1 528	186 214	2 783 126	2 175 93
1.01 to 1.50 1.51 or mare	614	160 69	509 142	457 154	212 103	38	72 30	4	219 106	74	-	-
Lacking some or all plumbing facilities 0.50 or less 0.51 to 1.00	843	84 5 63	1 28 16 62	117 - 54	298 56 169	122 59 57	50 19 15	16 - 16	163 29 71	40 29	386 254 132	365 75
1.01 to 1.50 1.51 or more	153	10	29 21	39 24	30 43	6	12	-	30 33	5 -	- -	-
UNITS IN STRUCTURE	11 241	1 322	2 294	1 580	2 042	597	429	51	1 122	241	799 .	764
2 to 4 5 to 19	6 428 3 384	979 448	886 254	297 107	601 309	226 151	175 1 37	5 26	916 499	128	1 207 873	1 008 516
20 or more	1 317	44 60	104 57	6 14	88 29	107	27 21	6	133 19	41	372 44	386 34
GROSS RENT Specified renter occupied?	21 778	2 778	3 457	1 815	2 858	1 005	710	97	2 650	467	3 263 477	2 678
Less than \$50 \$50 to \$59	1 303	61 43	78 99	65 40	130 144	171	26 32 55	25 21	274 205 263	107 33 79	261 545	698 363 323
\$60 to \$69 \$70 to \$79 \$80 to \$99	2 202 2 439 4 414	193 355	245 293	132 158 363	232 317 589	135 73 197	103 140	6	343 576	54 46	457 519	280 330
\$100 to \$119 \$120 to \$149	3 135 2 648	882 593 402	764 671 596	282 336	440 337	153	83 141	5	384 275	52	302 390	170
\$150 to \$199 \$200 to \$299	1 695 507	171 15	400 126	205 70	290 134	33	74 16	5	215 39	22 27 -	133 30	142 30
\$300 or more	54 1 269	63	176	15 149	15 230	76	5 35	27	7 6	47	149	10 241
GROSS RENT AS PERCENTAGE OF INCOME												
BY INCOME Specified renter occupied?	21 778	2 778	3 457	1 815	2 858	1 005	710 242	97 72	2 650 1 744	467 386	3 263 1 970	2 678 2 489
less than \$5,000 less than 20 percent	9 799 1 059	833 74	490 119	245 53 27	644 93 117	684 80 97	10 16	6	205 142	44	252 271	123
20 to 24 percent 25 to 34 percent 35 percent or more	1 026 2 040	149 277	59 127 146	56 90	172 191	143	56 136	11 22	433 782	66 212	362 836	337 1 641
Not computed \$5,000 to \$9,999	4 641 1 033 7 932	283 50	39	19 883	71 1 249	62 203	24 295	27 15	182 752	42 58	249 1 036	268 132
less than 20 percent 20 to 24 percent	5 271 1 346	1 482 974 327	1 827 1 236 296	590 116	871 190	151	181 42	15	481 113	40 8	685 217	47 21
35 percent or more	736 129	147	141 34	71 14	77 16	11	42 10	_	113 25	10	90 6	34 18
\$10,000 to \$14,999	450 2 925	34 407	120 919	92 496	95 606	19 38	20 122	10	20 108	5	38 186	12 28
20 to 24 percent	2 601	397 10	808 77	419 21	529 26	32	111 6	10	97 -	5	171 9	22
Not computed	50 119	- -	14 20	14 42	10 41	6		-	11	-	6 71	29
Less than 20 percent	1 122 1 044	56 56	221 212	191 181	359 331	80 75	51 46	-	46 41	18	71 71	18
25 percent or more	11	=	-	6	-	5	5	-	- - 5	- 5	-	- 11
Not computed	58	_	9	-	28					3		

*Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table A-8. Persons in Owner and Renter Occupied Housing Units: 1970

	[Data based on	sample, see text.	For minimum bo	se for derived fi	gures (percent, n	nedian, etc.) and	meaning of symi	ools, see text]		
The SMSA	Total	1 person	2 persons	3 persons	4 persons	5 persons	ó persons	7 persons	8 persons or more	Median
Owner occupied housing units	52 191	6 832	16 859	9 388	8 684	5 251	2 720	1 476	981	2.8
BEDROOMS	4 275	2 139	1 647	311	64	16	59	20	19	1.5
2	22 162 20 723 4 964	3 841 994 170	9 650 4 614 734	4 143 4 336 577	2 832 4 988 695	1 061 3 100 905	506 1 550 849	90 812 565	39 329 469	2.3 3.6 4.8
YEAR STRUCTURE BUILT										
1969 to March 1970 1965 to 1968 1960 to 1964	1 279 4 224 3 921	46 253 190	290 891 933	352 950 749	325 1 009 926	144 622 675	75 275 272	27 143 117	20 1 81 59	3.4 3.5 3.6
1950 to 1959	12 728 8 893	869 1 116	3 447 3 163	2 534 1 586	2 771 1 384	1 669 795	820 464	376 231	242 154	3.3 2.6 2.3
1939 or earlier	21 146	4 358	8 135	3 217	2 269	1 346	814	582	425	2.3
12 or moreMobile home or trailer	48 409 1 966 1 816	5 753 738 341	15 555 719 585	8 747 186 455	8 268 159 257	5 066 77 108	2 590 73 57	1 454 9 13	976 5	2.8 1.6 2.5
COMPLETE BATHROOMS		ı							7.50	
1 and 1 1/2 2 and 2 1/2 3 or more	43 314 6 183 653	5 706 285 33	14 837 1 3981 109	7 906 1 106 148	6 962 1 451 99	4 106 896 132	1 937 563 64	1 110 287 57	750 197 11	2.6 3.7 3.9
None or also used by another household	2 041	758	633	203	187	116	57	23	64	1.9
HOUSEHOLD COMPOSITION Two-er-more-person households Male head, wife present, no nonrelatives			16 859 13 903	9 388 8 169	8 684 8 004	5 25 1 4 862	2 720 2 509	1 476 1 361	981 922	3.1 3.2
Under 25 years 25 to 34 years 35 to 44 years	. 6 983	· · · ·	365 630 664	465 1 480 1 287	294 2 627 2 348	47 1 469 1 977	8 459 1 253	210 714	9 108 493	3.0 t 4.0 4.5
45 to 64 years65 years and over	. 16 807	1	7 311 4 933	4 152 785	2 542 193	i 336 33	740 49	424 13	302 10	2.8 2.1 2.5
Other male headUnder 65 years	. 1 657 1 257	:::	846 579	316 244	214 173	173 153	67 67	23 23	18 18	2.5 2.7 2.2
65 years and over	3 972		267 2 110	72 903	41 466	20 216	144	92 70	41 37	2.2 2.4 2.7
Under 65 years	1 317	'	1 187 923	645 258	403 63	186 30	125 19	72 20	4	2.2 1.0
VALUE-INCOME RATIO Specified owner occupied	44 854	5 304	14 227	8 122	7 749	4 752	2 429	1 360	911	2.9
Less than 1.51.5 to 1.9	.] 22 003	718	6 390 2 526	4 837 1 485	4 399 1 651	2 702 1 061	1 505 437	849 262	603 179	3.3 3.2
2.0 to 2.4 2.5 to 2.9	4 273	394	1 415 805	723 326	801 409	492 231	251 102	121 66	76 38	3.0 l 2.4
3.0 to 3.9	4 954	2 421	1 205 1 772	327 385	267 188	156 92	73 55	26 31	5 10	2.1 1.5
Not computed	364	148	114	39	34	18	6	5	_	1.8
Renter occupied housing units	22 664	6 003	6 490	3 968	2 890	1 499	826	486	502	2.3
BEDROOMS None	586 8 605		79 3 082	1 239	237	_ 172	-	_ 20	_	1.1 1.6
23 or more	9 138	1 213	2 817 649	2 200 542	1 895 890	659 907	197 480	138 224	19 468	2.7 4.4
YEAR STRUCTURE BUILT	522	160	209	62	56	22	8	_	5	2.0
1965 to 1968	2 009	602	706 226	339 92	255 87	32 52	30 43	29 10	16 9	2.1 2.3
1950 to 1959	_ 3 657	842	635 1 135	567 742	465 491	277 230	133 94	52 65	50 58	2.9 2.4
1939 or earlier UNITS IN STRUCTURE	13 182	3 803	3 579	2 166	1 536	886	518	330	364	2.3
2	3 555	1 127	2 948 1 086	2 216 682	1 918 348	1 116 184	675 72	425 26	380 30	3.0 2.1
3 and 4	_ 2 315	986	898 685	492 302	264 153	81 75	13 46	10 15	27 53	1.9 1.8
10 to 19 20 or more Mobile home or trailer	. 1 317	758	379 418 76	138 74 64	100 56 51	17 11 15	15	5 	12	1.8 1.4 2.4
COMPLETE BATHROOMS							- [- (
1 and 1 1/2 2 or more None or also used by another household	- 674	105	5 765 179 430	3 664 92 233	2 557 123 215	1 292 53 129	768 27 48	461 41 30	379 54 73	2.4 3.1 1.8
HOUSEHOLD COMPOSITION										
Two-or-more-person households	- 12 612		6 490 4 502 1 229	3 968 3 064 1 110	2 890 2 310	1 499 1 260	826 700 28	486 381	502 395 8	3.0 3.1 2.7
25 to 34 years 35 to 44 years	_ 3 595	i	725 268	948 206	350 1 013 483	123 491 408	221 269	140 167	57 203	3.6 4.6
45 to 64 years 65 years and over	- 3 069 1 091)	1 397 883	707 93	425 39	212 26	148 34	53 16	127	2.7 2.1
Other male head Under 65 years	789		453 390	218 192	90 82	53 53	15 15	28 ¹ 28	29 29	2.5 2.5
65 years and over Female head Under 65 years	_l 3 163		63 1 535	26 686	8 490	186	111	77	78	2.6
65 years and over	474	1	1 164 371	631 55	459 31	177	111	77 - 	70 8	2.8 2.1 1.0
GROSS RENT AS PERCENTAGE OF INCOM	.		j							
Less than 10 percent10 to 14 percent	1 841 4 362	241	6 261 573 1 367	3 81 1 326 1 036	2 737 300 634	1 402 154 338	741 113 206	427 54 98	458 80 104	2.3 2.8 2.7
15 to 19 percent 20 to 24 percent	. 3 772 . 2 538	569	1 125 715	768 463	713 281	285 219	172 94	54 58	86 64	2.8 2.4
25 to 34 percent 35 percent or more	2 829 4 776	829 2 501	867 1 181	512 48 6	296 300	182 119	54 52	60 63	29 74	2.2 1.5
Not computed	1 660	578	433	220	213	105	50	40	21	2.1

¹Limited to one-family homes on less than 10 acres and no business on property. ²Excludes one-family homes on 10 acres or more.

Table A-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

The SMSA	Total	Less than 2 months	2 up to 6 months	6 months or more	The SMSA	Tota	Less tha 2 month		ó months or more
Vacant for sale	666	256	212	198	Vacant for rent	1 950	1 252	486	212
ROOMS					ROOMS				}
1 to 3 rooms	51 113 217 161 124	5 36 90 86 39	15 47 66 36 48	31 30 61 39 37	1 room	60 324 741 495 243	51 238 474 338 127	176 123 67	5 10 91 34 49
PLUMBING FACILITIES					7 rooms or more	30	24	19	16
With all plumbing facilities Locking some or all plumbing facilities	619 47	248 8	200 12	171 27	PLUMBING FACILITIES				
BEDROOMS None and 1	50				With all plumbing facilitiesLacking some or all plumbing facilities	1 700 250	1 151 101	389 97	160 52
4 or more	83 223 291 97	30 85 151 29	13 81 69 26	40 57 71 42	BEDROOMS				32
YEAR STRUCTURE BUILT					None122	96 1 153 505	79 803 350	17 276 75	74 80
1969 to March 1970 1960 to 1968 1950 to 1969 1949 or earlier	141 88 117 320	76 23 38 119	39 34 39 100	26 31 40 101	3 or moreYEAR STRUCTURE BUILT	209	128	65	16
UNITS IN STRUCTURE			ł		1969 to March 1970	190	157	33	_
1 2 or more	606 60	246 10	192 20	168 30	1960 to 1968	106 292 1 362	91 171 833	102 343	7 19 186
HEATING EQUIPMENT	·	1		1	UNITS IN STRUCTURE		i		
Steam or hot water	8 498 4 48 104 4	5 198 4 7 42	158 - 23 27 4	3 142 - 18 35 -	1	690 793 287 77 103	355 527 213 66 91	202 197 64 11	133 69 10
SALES PRICE ASKED	ļ	1		}	RENT ASKED		ľ		1
Specified vacant for sale: Less Ihon \$5,000. \$5,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$14,999 \$20,000 to \$24,999 \$25,000 to \$34,999 \$35,000 to \$49,999 \$35,000 to \$49,999 \$36,000 or more Median price asked	579 51 133 93 75 118 97 12 - \$15 800	242 23 52 33 28 60 46 - \$17 300	192 15 54 33 26 28 24 12 - \$14 100	145 13 27 27 21 30 27 - - \$16 300	\$\text{Specified vacant for rent2}\$ Less than \$50 \$50 to \$59 \$60 to \$79 \$80 to \$99 \$100 to \$119 \$120 to \$149 \$15 to \$199 \$200 or more. Median rent asked	1 879 334 153 612 374 163 135 83 25 \$75	1 238 186 89 390 246 127 122 66 12 \$78	472 117 58 144 97 25 13 13 5 \$68	169 31 6 78 31 11 - 4 8 \$72

¹Limited to one-family homes on less than 10 acres and no business on property.

Table A-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

The SMSA			Sales price a	sked – Vacan	t for sale				Ren	t asked -	Vacant fo	r rent?		
tue 2W2W	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 10 \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	579	184	93	75	118	97	12	1 879	487	612	374	298	83	25
PLUMBING FACILITIES							1							[
With all plumbing facilities Locking some or all plumbing facilities	578 29	145 29	95 -	56 -	132	150	-	1 704 259	468 174	652 17	256 51	227 17	101	-
BEDROOMS														
None and 1	27 192 291 97	27 93 39 15	56 39	14 42	- 103 29	29 68 53	 	1 249 505 192 17	470 95 77	426 177 66	186 72 49	167 77 - -	84 17	-
YEAR STRUCTURE BUILT														Ì
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	128 88 110 253	8 21 155	5 9 34 45	13 25 7 30	59 18 28 13	43 28 16 10	8 - 4 -	185 102 292 1 300	8 4 49 426	15 7 116 474	46 15 60 253	82 40 59 117	34 32 4 13	4 4 17
UNITS IN STRUCTURE							Ì							Ì
1	•••	•••				***		619 793 364 103	207 149 111 20	174 334 100 4	145 161 56 12	63 129 69 37	13 16 28 26	17 4 - 4
INCLUSION OF UTILITIES IN RENT							j							
All utilities included Some or no utilities included								928 951	224 263	344 268	181 193	158 140	8 75	13

^{*}Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

²Excludes one-family homes on 10 acres or more.

Table B-1. Value of Owner Occupied Housing Units: 1970

	[Data based o	sample, see t	ext. For mini	mum base for	derived figure	es (percent, m	edian, efc.) an	d meaning of	symbols, see	rextj		
Evansville	Total	Less than \$5,000	\$5,000 to \$7,499	\$7,500 to \$9,999	\$10,000 to \$12,499	\$12,500 to \$14,999	\$15,000 to \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 to \$49,999	\$50,000 or more	Medien (dollers)
Specified owner occupied ¹	27 729	2 215	3 713	4 564	4 899	3 645	4 491	1 963	1 534	577	128	11 700
ROOMS 1 and 2 rooms 3 rooms 4 rooms 5 rooms 6 rooms 7 rooms 8 rooms or more Median	38 721 7 618 10 585 5 130 2 132 1 505 5.0	17 363 1 045 480 175 93 42 4.2	4 214 1 636 1 185 414 195 65 4.5	4 85 1 993 1 738 488 200 56 4.6	5 25 1 616 2 087 799 215 152 4.9	21 701 1 818 828 176 101 5.1	4 13 440 2 280 1 118 431 205 5.3	143 752 635 250 183 5.6	44 195 522 420 349 6.5	44 141 132 260 7.3	- 6 10 20 92 7.5+	5 000 8 900 12 300 14 600 17 000 23 600
PERSONS 1 person	3 661 9 305 4 991 4 460 2 663 2 649 2.7 356	702 819 238 158 93 205 2.0	760 1 447 544 390 249 323 2.3	761 1 719 825 524 359 376 2.4	614 1 603 905 880 432 465 2.8	258 1 014 789 777 444 363 3.2	360 1 329 855 920 608 419 3.2	83 732 366 362 221 199 3.0	100 440 327 312 152 203 3.2	18 163 109 122 95 70 3.5	5 39 33 15 10 26 3.1	8 700 11 000 12 500 13 400 13 600 12 300 9 500
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Locking some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	27 377 14 322 11 141 1 651 263 352 222 103 14	2 018 1 289 535 151 43 197 130 40 14	3 602 2 120 1 160 261 61 111 68 43	4 540 2 575 1 601 308 56 24 15	4 884 2 440 2 057 341 46 15 4 11	3 645 1 510 1 891 224 20 	4 486 1 993 2 234 231 28 5 5	1 963 1 041 827 90 5 - -	1 534 880 610 40 4 -	577 377 195 5 	128 97 31 - - - -	11 600 11 200 12 800 10 800 8 700 5000 – 5000 – 5 700
BEDROOMS None and 1	1 813 12 110 10 999 2 611	631 1 208 359 102	576 2 051 1 164 266	205 2 931 1 244 208	268 2 333 1 774 343	39 1 370 1 684 253	72 1 377 2 854 287	504 837 372	22 291 912 356	22 171 343	23 81	6 200 9 960 13 900 17 500
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	969 1 389 7 121 5 299	- 68 222 1 925	11 277 467 2 958	26 639 978 2 921	9 11 105 1 513 1 189 2 072	5 45 197 1 518 792 1 088	43 224 446 1 760 969 1 049	63 295 269 647 308 381	53 278 197 447 313 246	9 86 121 211 61 89	4 19 28 41 36	22 900 23 300 19 100 14 300 12 100 8 800
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more None or also used by another household	. 2 986 280	1 962 47 - 209	3 452 97 - 102	4 372 111 81 49	4 710 188 10 21	3 437 268 6 12	3 990 479 7 10	1 541 489 15	624 818 71 -	69 431 76 -	58 87 -	11 200 23 100 39 500 5000—
HOUSEHOLD COMPOSITION Two-or-more-person households Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Female head Under 65 years 65 years and over Generative for the service of the service	20 829 498 3 349 4 326 9 276 3 380 904 675 229 2 335 1 524 811 3 661	1 513 1 161 14 85 148 558 356 64 39 25 288 183 1055 702 177 525	2 953 2 388 37 238 396 1 073 644 114 400 411 267 144 760 250 510	3 803 3 236 95 375 580 1 419 7677 171 115 56 396 221 175 761 292 469	4 285 3 709 92 727 711 1 602 577 170 117 53 406 304 102 614 289 325	3 387 2 998 145 649 678 1 238 288 115 109 6 274 167 107 258 133	4 131 3 704 89 791 858 1 592 374 141 116 25 266 206 80 360 217 143	1 880 1 691 21 289 413 810 158 54 45 9 135 84 45 83 48 33	1 434 1 338 5 154 385 645 149 20 15 5 76 53 3 23 100 47 53	559 498 366 127 273 62 10 5 5 5 5 11 33 18 18 18	123 106 5 30 66 5 5 12 66 5	72 200 12 400 12 700 13 500 13 700 13 700 10 900 11 500 9 700 10 400 10 700 9 700 8 700 10 100 7 800
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$7,999 \$10,000 to \$14,999 \$15,000 or mare Median	- 1 466 - 1 149 - 1 300 - 1 380 - 1 609 - 6 132 - 7 337 - 3 578	665 277 152 144 182 220 366 190 19 - \$4 100	695 326 243 278 299 342 827 563 135 5	610- 361 221 279- 320 351 1 114 1 027 249 12 \$7 300	370 218 228 225 237 322 1 481 1 412 366 40 \$8 700	172 94 128 124 167 131 994 1 283 509 43 \$10 000	178 109 123 121 135 157 974 1 638 952 104 \$11 400	59 45 49 52 30 40 245 733 621 89 \$13 100	41 36 5 40 10 36 97 417 551 301 \$16 500	16 - - 17 - 10 29 57 171 277 \$24 300	5 5 17 5 96 \$41 300	7 700 8 400 9 500 9 400 9 100 9 200 11 300 13 400 17 700 31 300
YEAR MOVED INTO UNIT 1969 to March 1970	- 1 565 - 1 624 - 2 934 - 4 900 - 7 945	76 121 196 309 422	172 160 179 344 481 934 1 381	219 162 144 361 733 1 407 1 514	247 263 257 587 873 1 473 1 229	349 199 246 450 757 1 204 518	576 261 275 482 916 1 345 631	216 234 202 215 431 478 269	147 158 166 222 236 412 172	38 46 25 65 124 214	7 6 9 12 40 56	14 500 14 000 13 600 12 400 12 700 12 100 9 200
HEATING EQUIPMENT Steam or hot water Warm-air furnace Built-in electric units Floor, wall, or pipeless furnace Other means None	21 916 108 2 199 2 787	781 3 231	126 2 039 16 513 1 019	143 3 518 24 485 394	102 4 123 13 547 114	74 3 206 16 286 63	122 4 210 20 118 21	33 1 903 10 13 4	56 1 453 - 6 19	10 561 6 	6 122 - - - -	11 100 12 900 12 100 9 300 5 600
AIR CONDITIONING Room unit(s) Central system None	6 72	32	1 408 146 2 097	2 395 313 1 832	2 920 640 1 369	2 202 689 832	2 085 1 780 621	561 1 327 i 157	258 1 169 86	54 502 20	9 123 13	11 600 19 300 8 300

'Limited to one-family homes on less than 10 acres and no business on property.

Table B-2. Gross Rent of Renter Occupied Housing Units: 1970

Specified rester occupied 18 205 1.49 182 18		(Data basea	on sumple, se	e text. For r	ninimum base	tor derived	ligures (perce	nt, median, e	etc.) and mear	ing of symb	ols, see text]			
Common	Evansville	Total	thon	to	to	to	to	į to	to to	l to	to	or or	cash	Median (dollars)
Territor	Specified renter occupied	16 205	1 439	852	1 575	1 814	3 396	2 442	2 119	1 436	413	45	674	91
	ROOMS													
	2 rooms	1 496 4 738 5 271 2 983 799 318	331 620 205 95 - 5	222 321 174 64 5	272 753 364 112 11 	155 833 545 216 14 -	240 1 071 1 278 590 143 38	48 478 1 080 586 151 56	150 343 659 660 181 67 42	205 648 359 146 48	139 159 40 27 38	5 26 14	57 104 174 142 82 58 41	52 66 77 100 112 126 132 127
\$ arrans. 4 101. 3-44 160 402 417 177 217 466 462 122 27 27 27 28 46 46 47 27 27 28 46 46 28 28 28 28 28 28 28 2	PERSONS													
PRENCOM	2 persons	4 813 2 731 1 764 909 1 094	344 73 77 21 39 1.3	166 104 31 26 19	402 224 91 51 73	619 291 126 92 66 2.0	1 097 679 392 219 288 2.4	757 517 337 159 246 2.6	609 413 322 151 189 2.5	442 268 241 117 108 2.6	145 83 79 28 29 2.7	20 5 4 -	212 74 64 45 31 1.9	73 93 98 108 103 104
Company										}				
New 1	0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Lacking some or oil plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50	7 174 6 704 1 108 409 810 393 346 30	656 403 43 14 323 158 148	414 224 20 23 171 92 74	760 566 105 41 103 43 51	831 740 112 58 73 34 28	1 290 1 574 318 150 64 22 27	998 1 144 208 82 10	892 1 015 196 9 7	664 677 57 27 11	199 180 23 11 7	35	435 177 20 5 37 20	93 90 96 96 86 54 53
1	BEDROOMS													
1997 to Nerch 1970	12	6 679 6 291	920 272	448 278	836 365	1 050 625	1 453 1 522	877 1 138	624 879	811	206	-1	225 195	56 80 100 120
1905 to 1946				_			-			20				125
4 floors or more	1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949	1 527 438 1 508 2 873	87 140 131	5 6 38 90	11 104 238	7 4 136 415	44 36 213 660	59 27 223 613	282 118 331 447	644 75 183 181	236 35 45 21	5	77	162 128 107 96 83
Wishow 1494 198									-				ļ	70
1 and 1 1/2	With elevator Walk-up	494 18	198	- [23	23 18	24	2 469	23	88	71	44	681	79 91 93
2 or more	(14 822	1 058	714	1 504	1 670	3 213	2 410	2 032	1 372	261	_	588	92
Less than \$2,000 3 164 844 363 414 323 483 252 148 115 24 10 188 53 200 to \$2,999 1 325 243 133 212 186 226 153 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 399 44 21 54 84 39 6 43 39	2 or more	489	-	-1	-1	25	39	39	51	61		1		195 55
\$2,000 to \$2,999		2.144	044	2/2	414	222	483	252	148	115	24	10	188	67
1969 to March 1970	\$2,000 to \$2,799 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$7,000 to \$7,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	1 325 1 458 1 406 1 345 1 268 3 233 2 129 766 111	243 77 95 67 27 40 36 10	133 77 93 30 58 69 24	212 226 195 94 123 243 56 7	186 227 190 179 215 351 110 33	226 418 359 472 300 747 322 53	153 173 208 228 256 666 421 85	84 139 118 158 131 615 569 141	39 44 82 70 75 339 409 240 23	6 21 21 10 12 38 102 152 27	5 - 10 5 15	56 40 37 71 125 70 35	73 84 86 89 92 103 123 157 180
1968 2 328 228 96 227 280 536 296 277 231 71 4 80 85 1968	1						3 453	1 070	1 117	947	214	29	117	102
Less than 10 percent	1968 1967 1965 and 1966 1960 to 1964 1950 to 1959	2 328 1 151 1 965 2 331 1 163	228 92 251 330 123	96 70 117 207 87	227 96 188 317 205	280 165 204 252 160	536 165 375 540 191	296 266 321 312 133	277 143 258 163 92	231 67 103 37 38	71 24 46 50	6	80 63 96 123	89 94 89 80 77 80
1 1 1 1 1 1 1 1 1 1	GROSS RENT AS PERCENTAGE OF							}	}		}			
	15 to 19 percent	3 248 2 887 1 981 2 162	185 125 167 237	110 86 82 108	346 234 176 166	483 277 144 269	766 749 361 507	577 512 362 332	435 527 356 253	245 290 253 235 326	82 80 51	5		77 91 99 103 91 85 76
AIR CONDITIONING Room unit(s)	AIR CONDITIONING Raom unit(s) Central system	2 015	8		16	43	98 أ	122	419	831	305	41	132	103 164 80

'Excludes one-family homes on 10 acres or more.

Table B-3. Income in 1969 of Families and Primary Individuals in Owner and Renter Occupied Housing Units: 1970

	(Daid Diada	ni sumpie, see	text. For mini	muni base io	i derived rigor	es (percent, r	nedian, erc.) a	na meaning o	symbols, see	lexij		
Evansville	Total	Less than \$2,000	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	to	\$7,000 to \$9,999	to	\$15,000 to	\$25,000 or	Medion
Owner occupied housing units		3 290	1 653	1 305	1 448	1 555	1 793	6 557	7 747	\$24,999 3 818	more 991	(dollars)
ROOMS 1 and 2 rooms	125	45	1	10		19	. , , ,	8	}	13		4 900
3 rooms4 rooms	1 163 8 473	410 1 357	154 737	111 523	85 574	71 554	102 670	139 1 966	17 67 1 665	24 393	34	3 200 6 700
5 rooms	11 292 5 320	926 328	515 157	435 143	473 149	641 188	673 218	2 770 1 111	3 246 1 729	1 423 1 088	190 209	9 100 11 100
7 rooms or more PERSONS	3 784	224	86	83 I	163	82	125	563	1 023	877	558	12 800
1 person	4 370 10 211	2 137 834	482 973	387 700	306 795	225 750	201 777	343 2 021	220 2 125	49 903	20 333	2 100 7 400
3 and 4 persons 5 persons 6 persons or more	10 027 2 791 2 758	240 28 51	158 16 24	183 25 10	216 54 77	420 103 57	555 136 124	2 692 804 697	3 437 939 1 026	1 729 556 581	397 130 111	10 800 11 200 11 700
Units with roomers, boarders, or lodgers	412	127	47	24	33	28	6	76	52	14	5.	4 200
BEDROOMS Less than 3	16 086	2 552	1 423	1 084	1 041	1 074	1 087	3 364	3 141	1 127	193	6 800
4 or more	11 418 2 767	473 186	427 43	343 21	477 119	452 19	479 97	2 759 428	3 714 840	1 859 642	435 372	10 400 12 800
YEAR STRUCTURE BUILT 1969 to March 1970	307 2 739	19	9 51	10 61	5 31	37	6 97	53	94	62	12	10 800 12 500
1950 to 1959	7 343 19 768	264 2 907	188	162 1 072	174 1 238	63 283 1 172	325 1 365	500 1 719 4 285	916 2 587 4 150	657 1 306 1 793	263 335 381	11 100 7 500
YEAR MOVED INTO UNIT	2 428	175	22	124		165	167	707	704	250	59	9 100
1968 1960 to 1967	1 777 10 213	82 758	25 391	51 268	55 55 366 913	68 439	98 644	489 2 372	614 3 103	242 1 538	53 334	10 200 9 800
1959 or earlier	15 755	2 305	1 158	825	913	864	923	3 033	3 384	1 810	540	7 900
Automatic clothes washing machine Clothes dryer	21 546 14 749	1 323 610	859 397	759 213	948 463	866 404	964 493	5 152 3 531	6 411 4 941	3 264 2 763	1 000 934	9 900 11 300
Dishwasher Home food freezer Owned second home	3 267 7 076 949	39 447 18	60 200 38	19 223 18	463 93 352 18	222 81	41 293 40	419 1 582 140	939 1 962 429	930 1 194 127	727 601 40	15 300 10 600 11 400
With air conditioning	20 499 13 479	1 195 979	805 678	781 614	748 610	898 689	1 177 925	4 502 3 402	6 248 3 965	3 372 1 590	973 227	10 200 9 100
Central system Automobiles available:	7 020	216 1 266	127 882	167 922	138	209	252	1 100 3 717	2 283	1 782 874	746 187	12 800 7 500
2 3 or more	10 678 1 742	179 15	108	126 15	141	1 072 221 31	1 251 390 37	2 448 183	2 951 4 145 594	2 299 659	621 173	12 100 14 700
Renter occupied housing units	16 228	3 164	1 325	1 463	1 411	1 345	1 272	3 237	2 134	766	111	5 600
ROOMS		182	32	34	48	34	33	33	_	5	-1	2 600
2 rooms 3 rooms 4 rooms	4 743	609 1 251 704	176 531 312	172 538 454	114 479 472	123 437 484	69 337 459	127 717 1 367	81 365 719	20 82 250	5 6 55 15	2 800 4 100 6 500
5 rooms or more	. 2 991	289 129	230 44	166	230	216 51	254 120	683 310	664 305	244 165	15 30	7 500 8 400
PERSONS 1 person	4 894	2 045	648	477	427	283	290	458	187	74	5	2 600
2 persons3 and 4 persons	4 817 4 509	664 367	362 242	521 291	471 383	434 436	331 419	976 1 300	731 756	270 278	57 37	5 900 7 300
5 persons 6 persons or more Units with roomers, boarders, or ladgers	1 094	45 43	23 50	110	70 60	111 81	109 123	239 264	200 260	47 97	6	7 400 7 900
BEDROOMS	1	118	27	44	48	26	46	56	14	-	-	4 000
None	6 679	277 1 558	740	46 865	68 635 613	63 653 594	44 425	44 1 035	663	_ [8	24	2 000 4 300
3 or more	6 311 2 615	855 355	329 105	433 172	164	594 148	631 278	1 572 463	756 651	440 232	88 47	6 500 7 600
YEAR STRUCTURE BUILT 1969 to March 1970 1960 to 1968	. 397	78	25	34	16	20	12	47	108	52	5	7 900
1950 to 1959	1 508	348 261 2 477	129 84 1 087	114 117 1 198	98 115 1 182	101 105 1 119	84 81 1 095	368 384 2 438	405 259 1 362	252 92 370	70 10 26	7 900 6 900 5 200
YEAR MOVED INTO UNIT	1										ŀ	ľ
19681960 to 1967	2 339	1 011 433 1 197	467 226 493	699 212 372	660 151 418	752 122 390	429 192 508	1 356 516 1 155	958 333 685	383 130 185	22 24 44	5 700 6 100 5 600
1959 or earlier GROSS RENT AS PERCENTAGE OF INCOME	1 695	524	180	133	160	88	101	249	171	83	6	4 100
Specified renter accupied'	A 431	3 164	1 325	1 458 36	1 406 139	1 345 177	1 268 400	3 233 1 490	2 129 1 399	766 643	111 102	5 690 9 900
15 to 19 percent 20 to 24 percent 25 to 34 percent	- 2 887 1 981	15 66	69 143	95 247	321 295	502 317	364 295	957 467	487 140	77 11	_	7 200 5 800
35 percent or more Not computed	3 749	232 2 342 509	319 706 43	609 415 56	418 193 40	251 61 37	122 16 71	184 10 125	27 6 70	- - 35	- -	3 900 2000 – 2 000
SELECTED CHARACTERISTICS Automatic clothes washing machine	4 802											
Clothes dryer	2 455 767	153 84	154 65	445 45 46	340 124 -	319 128 38	487 262 88	1 276 613 140	1 056 751 212	421 295 62	19 19 97	7 900 9 200 9 700
Home food freezer Owned second home With air conditioning	339	46 36	44	59 61	91 45	39	66	195 65	85 62	129 47	23	7 500
Room unit(s) Central system	4 896	554	429 362 67	461 341 120	446 316 130	521 406 115	531 450 81	1 596 1 245 351	1 444 961 483 i	613 246 367	89 15 74	7 500 7 000 9 300
Automobiles available: 1 2	8 424 2 932	763	526	795	851	911	842	2 214	1 196	300	26	6 400
3 or more	238		59 11	110	145 8	206	209	795 57	799 70	428 53	57 7	9 300 10 800

Excludes one-family homes on 10 acres or more.

Table B-4. Plumbing Facilities by Persons Per Room for Owner and Renter Occupied Housing Units: 1970

			With al	l plumbing facil	ities			Lacking som	e or all plumbing	facilities	
Evansville	Total	Total	0.50 or less	0.51 to 1.00	1.01 to 1.50	1.51 or more	Total	0.50 or less	0.51 to 1.00	1,01 to 1,50	1.51 or more
Owner occupied housing units	30 157	29 677	15 709	11 939	1 751	278	480	314	134	19	13
PERSONS 1 person	10 211 5 318 4 709 2 791 2 758 2.6	4 175 10 029 5 279 4 672 2 777 2 745 2.6 404	4 162 9 572 1 607 262 106 	13 448 3 667 4 380 2 302 1 129 3.9 162	26 360 1 365 6.3	9 5 4 9 251 7.5+	195 182 39 37 14 13 1.7	190 124 - - - - 1.3	5 58 39 27 5 - 2.6	- - 10 9 - 	13
YEAR STRUCTURE BUILT 1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	1 263 1 456	289 1 263 1 450 7 184 5 592 13 964	104 599 581 2 763 2 955 8 870	172 599 786 3 884 2 200 4 191	13 65 77 462 361 745	- 6 75 76 158	- 6 22 67 336	 6 44 241	 22 9 75	- - - 14 12	
INCOME IN 1969 Less than \$2,000. \$2,000 to \$2,099. \$3,000 to \$3,999. \$4,000 to \$4,999. \$5,000 to \$5,999. \$5,000 to \$6,999. \$7,000 to \$9,999. \$10,000 to \$14,999. \$15,000 to \$24,999. \$25,000 or mare Median	1 653 1 305 1 448 1 555 1 793 6 557 7 747 3 818 991	3 092 1 567 1 268 1 436 1 521 1 762 6 510 7 712 3 818 991 \$8 900	2 747 1 334 1 035 1 094 985 986 2 649 2 900 1 394 585 \$6 700	307 219 225 280 447 677 3 187 4 103 2 108 386 \$10 800	38 14 8 54 58 77 576 642 270 14 \$10 400	8 31 22 98 67 46 6 \$9 400	198 86 37 12 34 31 47 35 - - \$2 500	178 67 22 3 15 10 19 	20 19 15 5 15 5 28 27 —	- - 4 10 - - -	4 6 3
VALUE-INCOME RATIO Specified owner occupied* Less than 1.5	14 557 4 803 2 327 1 284 1 421	27 377 14 422 4 764 2 300 1 249 1 372 3 043 227	14 322 5 834 2 322 1 308 845 1 147 2 696 170	11 141 7 165 2 148 886 346 220 324 52	1 651 1 213 258 102 45 5 23	263 210 36 4 13 - -	352 135 39 27 35 49 63	222 35 23 27 35 44 54	103 73 16 - - 5 9	14 14 - - - - -	13
HEATING EQUIPMENT Steam or hat water	908 23 684 119 2 363 3 083	895 23 550 108 2 325 2 799	508 12 418 64 1 013 1 706	328 9 625 40 1 104 842	59 1 305 - 178 209 -	202 4 30 42 -	13 134 11 38 284	9 89 6 11 199	4 35 5 22 68 -	10 - 5 4	13
Renter occupied housing units	16 228	15 418	7 178	6 718	1 113	409	810	393	346	30	41
PERSONS 1 persons 2 persons 3 persons 5 persons 5 persons 6 persons Units with roomers, boarders, or lodgers	4 894 4 817 2 736 1 773 914 1 094 2.2 379	4 367 4 657 2 658 1 759 892 1 085 2,2 363	4 182 2 772 177 41 6 - 1.4	185 1 877 2 417 1 534 521 184 3.0		- 8 - 25 90 286 7.1	527 160 78 14 22 9 1.3	348 40 5 - - 1,1	179 98 54 10 5 - 1.5	19 4 7 	22 - 10 9
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1969 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	377 1 479 447 1 561 2 846 9 508	377 1 466 447 1 543 2 821 8 763	231 866 239 626 1 303 3 962	141 560 180 738 1 289 3 733	5 40 21 167 173 707	- 7 12 56 361	13 18 25 745	13 - 12 19 323	- - - 6 - 343	- - - - - 41	- - - 6 38
INCOME IN 1969 Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$3,000 to \$3,999 \$5,000 to \$5,999 \$5,000 to \$5,999 \$7,000 to \$5,999 \$7,000 to \$9,999 \$15,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	3 164 1 325 1 463 1 411 1 345 1 272 3 237 2 134 766 111 \$5 600	2 824 1 204 1 374 1 327 1 293 1 217 3 192 2 114 762 111 \$5 800	1 991 727 698 625 451 449 1 093 767 307 70 \$4 300	749 414 482 576 678 580 1 768 1 066 376 29 \$6 800	68 37 121 91 94 122 249 256 63 12 \$7 300	16 26 73 35 70 66 82 25 16	340 121 89 84 52 55 45 20 4	229 84 27 22 5 11 15 - - \$2000 —	101 31 62 53 34 32 16 13 4	- - 4 7 7 5 7	10 6 - 5 6 5 9
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied2 Less than 10 percent 10 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	16 205 1 183 3 248 2 887 1 981 2 162 3 749 995	15 395 1 099 3 137 2 791 1 879 2 056 3 490 943	7 174 364 1 050 1 026 904 961 2 261 608	6 704 557 1 692 1 445 768 916 1 031 295	1 108 156 280 237 160 102 138 35	409 22 115 83 47 77 60 5	810 84 111 96 102 106 259 52	393 20 21 17 65 43 192 35	346 47 75 64 30 57 63 10	30 7 5 4 7 - 7	41 10 10 11 -6 4
HEATING EQUIPMENT Steam or hot water	1 851 9 507 66 859 3 939 6	1 675 9 245 66 843 3 583 6	979 4 437 35 314 1 407 6	648 3 969 27 434 1 640	30 655 4 70 354	18 184 - 25 182 -	176 262 - 16 356	53 133 - 6 201	106 98 - 10 132	12 - - 18 -	17 19 - - 5

¹Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-5. Rooms in Owner and Renter Occupied Housing Units: 1970

	(Data basea on	somple, see text.	roi minimum be	ise for derived fi	gures (percent, n	nealan, etc.) and	meaning of sym	DOIS, See TEXT		
Evansville	Total	1 room	2 rooms	3 rooms	4 rooms	5 rooms	6 rooms	7 rooms	8 rooms or more	Median
Owner occupied housing units	30 157	40	85	1 163	8 473	11 292	5 320	2 172	1 612	5.0
Units with 1 or more bathrooms and complete kitchen facilities for exclusive use, and direct access	29 597	31	46	959	8 299	11 062	5 397	2 171	1 632	5.0
PERSONS										
1 person	4 370 10 211	18 9	65 20	548 486	1 743 3 896	1 315 3 724	448 1 341	153 471	80 264	4,4 4,7
3 persons	5 318 4 709	5	-	76 36	1 330	2 300	949	372	286	5.0
4 persons 5 persons 5	2 791	4	-	5	922 369	1 957 1 105	1 082 698	446 313	262 297	5.0 5.2 5.4
6 persons or more	2 758 2.6			12 1.6	213 2.1	891 2.8	802 3,4	417 3.7	423 4.2	5.8
PLUMBING FACILITIES BY PERSONS PER ROOM										
With all plumbing facilities 0.50 or less	29 677 15 709	35	56 42	1 005 471	8 268 5 475	11 226 5 006	5 308 2 726	2 167 991	1 612 998	5.0 4.9
0.51 to 1.00 1.01 to 1.50	11 939 1 751	13	14	494 26	2 224 488	5 335 787	2 197 361	1 072	590 24	5.1
1.51 or more	278	22	-	14	81	98	24	65 39	-	5.1 5.0 4.7 3.7 3.8 3.3
Lacking some or all plumbing facilities 0.50 or less	480 314	5 -	29 23	158 77	205 164	66 33	12	5 5	-	3.7
0.51 to 1.00 1.01 to 1.50	134 19	5	6	68 10	28	27	_	-	-	3.3
1.51 or more	13	-1		3	41	6	-	-	-	
BEDROOMS									1	
None and 12	2 706 13 380	81 -	152	1 121 257	958 6 993	341 5 023	21 873	16 174	16 60	3.5 4.4
34 or more	11 418 2 767		-		343	6 081 41	3 649 539	995 1 088	350 1 099	4.4 5.4 7.2
YEAR STRUCTURE BUILT										
1969 to March 1970	307	_ [_	9	79	82	72	37	28	5.3
1960 to 1968	2 739 7 343	13 5	10	64 84	353 1 714	1 062 3 437	580 1 306	287 558	370 234	5.4 5.0
1949 or earlier	19 768	22	5 70	1 006	6 327	6 711	3 362	1 290	980	4.9
COMPLETE BATHROOMS									į	
1 and 1 1/2 2 or more	26 149 3 495	31	40 6	934 25	8 221 104	10 511 572	4 440 957	1 321 850	651 981	4.9 6.6
None or also used by another household	529	-	25	148	241	93	22	-	70.	3.9
VALUE-INCOME RATIO		Į i	l		l					
Specified owner occupied Less than 1.5	27 729 14 557	21 13	17 8	721 290	7 618 4 034	10 585 5 798	5 130 2 721	2 132 1 026	1 505 667	5.0 5.0
1.5 to 1.9 2.0 to 2.9	4 803 3 611	4	-	109	1 005	1 797	1 065	463 332	360 239	5.0 5.2 5.1
3.0 or more	4 527	4	9	115 202	898 1 612	1 366 1 555	657 648	290	211	4.8
Not computed	231	-	-	5	69	69	39	21	28	5.1
Renter occupied housing units	16 228	401	1 496	4 743	5 276	2 991	804	318	199	3.8
Units with 1 or more bathrooms and complete kitchen facilities for exclusive					,-					
use, and direct access	15 266	123	1 230	4 447	5 169	3 018	816	284	179	3.9
PERSONS	ļ	ļ								
1 person2 persons			1 083 308	2 094 1 667	960 1 778	299 774	61 194	17 41	16 25	3.0 3.7
3 persons	2 736		83	664	1 184	623	97	54	31	4.0
4 persons5 persons	.] 914	-	18 4	163 : 96	804 282	578 345	103 123	59 53	41 i 11 i	4.4 4.7 5.1
6 persons or more Median			1.2	59 1.7	268 2.4	372 3.2	226 4.0	94 4.3	75 4.2	5.1
PLUMBING FACILITIES BY PERSONS PER ROOM										ļ
With all plumbing facilities	15 418	200	1 218	4 559	5 165	2 976	800	301	199	3,8
0.50 or less 0.51 to 1.00	6 718	185	866 270	2 014 2 237	2 669 1 962	1 058 1 546	352 316	100 140	119 62 18	3.8 3.8
1.01 to 1.50 1.51 or more	409		64 18	159 149	427 107	284 : 88	110 22	51 10	18	4.3 3.7
Lacking some or all plumbing facilities 0.50 or less	393		278 217	184 80	111	15 15	4	17 12	-	2.2 2.4
0.51 to 1.00 1.01 to 1.50	346	179	38 19	94	26	-	4	5	-	1.5
1.51 or more	41	22	4	6	ý	_	-	-	-	:::
BEDROOMS										
None	542	428	91 1 184	23 4 522	- 768	 189	- 16	-	-1	1.1 3.0
23 or more	6 311	_	- 1104	426	4 298	1 290	186	44	67 208	4.1 5.4
YEAR STRUCTURE BUILT	2 313	-	_	-	86	1 368	611	360	208	J.#
1969 to March 1970	. 397	. 6	91	154	88	44	9	5	_	3.2
1960 to 1968 1950 to 1959	.l 1 969	15	204	550	825	267	67	37	4	3.8
1949 or earlier	12 354		23 1 178	207 3 832	585 3 778	500 2 180	106 622	48 228	28 167	4.4 3.7
COMPLETE BATHROOMS						l		1	1	
1 and 1 1/2 2 or more	. 14 844 489		1 230	4 448	5 068	2 886	728	225	103	3.8
None or also used by another household	885		294	193	108 146	132 7	88 -	59 17	76 -	5.3 2.2
GROSS RENT AS PERCENTAGE OF INCOME]			Ì						1
Specified renter occupied? Less than 10 percent	16 205 1 183		1 496	4 738	5 271	2 983	799	318	199	3,8
10 to 14 percent	. 3 248	88	94 169	345 854	333 1 232	260 663	50 l 159	25 . 71	26 12	3.8 3.9
15 to 19 percent	. 1981	43	210 161	679 521	1 120 626	640 407	152 143	38 57	25 23	3.9 4.0 3.9 3.6
25 to 34 percent 35 percent or more	3 749	42 116	205 557	745 1 379	714 1 008	318 499	99	18 51	23 21 45	3.6 3.4
Not computed	99.5	39	100	215	238	196	94 102	58	47	4.1

Limited to one-family homes on less than 10 acres and no business an property.

²Excludes one-family homes on 10 acres or more.

Table B-6. Units in Structure for Owner and Renter Occupied Housing Units: 1970

		Owner oc	cupied]	······································	,	- , , 	Renter o	ccupied			
Evansville	Total	ì unit	2 units or mare	Mobile home or trailer	Total	1 unit	2 units	3 and 4 units	5 to 9 units	10 to 19 units	20 units or more	Mobile home or trailer
All occupied housing units	30 157	28 217	1 478	462	16 228	6 796	2 780	2 278	2 087	962	1 218	107
room	4() 85 1 163 8 473 11 292 5 320 2 172 1 612 5.0	21 22 761 7 732 10 761 5 215 2 157 1 548 5.0	54 327 464 449 105 15 64 4.3	19 9 75 277 82 - - - 4.0	401 1 496 4 743 5 276 2 991 804 318 199 3.8	15 136 1 071 2 599 1 938 599 289 149 4.3	33 221 953 939 515 95 5 19 3.7	50 411 1 002 666 99 41 9 -	99 396 910 431 178 48 25 3.1	61 89 312 296 187 6 5 6	143 243 475 271 61 15 10	20 74 13 - - 4.0
PLUMBING FACILITIES BY PERSONS PER ROOM				ļ								-10
With all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more Leckles some or all plumbing facilities 0.50 or less 0.51 to 1.00 1.01 to 1.50 1.51 or more	29 677 15 709 11 939 1 751 278 480 314 134 19	27 860 14 539 11 383 1 670 268 357 227 103 14	1 368 927 374 62 5 110 79 26 5	449 243 182 19 5 13 8 5	15 418 7 178 6 718 1 113 409 810 393 346 30 41	6 613 2 591 3 148 657 217 183 109 65	2 649 1 320 1 108 162 59 131 73 26 26	2 073 1 049 849 112 63 205 112 84 4	1 968 963 822 119 64 119 60 55	896 476 366 48 6 66 177 44 –	1 112 750 377 5 106 22 72	107 49 48 10
BEDROOMS						•		••		_		
None	81 2 625 13 380 11 418 2 767	22 1 853 12 367 11 178 2 745	728 689 179 22	59 44 324 61 -	542 6 679 6 311 1 992 623	24 1 326 3 246 1 661 430	63 1 598 1 028 122 42	88 1 280 801 21 20	115 1 298 398 41 102	47 426 390 59 29	205 717 364 68	34 84 20
YEAR STRUCTURE BUILT												
1969 to Morch 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1949 1939 or earlier	307 1 258 1 481 7 343 5 599 14 169	243 978 1 415 7 198 5 368 13 015	5 16 6 101 206 1 144	59 264 60 44 25	397 1 531 438 1 508 2 878 9 476	106 158 126 829 1 121 4 456	94 128 38 161 639 1 720	17 112 50 118 378 1 603	29 204 89 271 568 926	41 374 48 107 149 243	110 514 45 6 15 528	- 41 42 16 8 -
INCOME IN 1969												
Less than \$2,000 \$2,000 to \$2,999 \$3,000 to \$3,999 \$4,000 to \$4,999 \$5,000 to \$5,999 \$6,000 to \$6,999 \$7,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$24,999 \$25,000 or more	3 290 1 453 1 305 1 448 1 555 1 793 6 557 7 747 3 818 991 \$8 800	2 859 1 491 1 181 1 320 1 404 1 632 6 228 7 462 3 668 972 \$9 000	376 148 92 113 87 110 221 178 134 19 \$5 100	55 14 32 15 64 51 108 107 16 - \$7 000	3 164 1 325 1 463 1 411 1 345 1 272 3 237 2 134 766 111 \$5 600	890 493 462 538 570 582 1 735 1 169 342 15 \$6 800	588 209 246 313 221 187 566 344 96 10 \$5 200	537 240 323 226 194 182 330 173 67 6 5	545 230 240 189 203 192 286 136 61 5 \$4 200	159 62 76 81 39 76 166 161 116 26 \$6 800	427 91 103 58 97 53 122 134 84 49 \$3 900	18
YEAR MOVED INTO UNIT												
1969 to March 1970	2 428 1 777 1 722 3 240 5 251 7 970 7 785	2 172 1 606 1 642 2 977 4 937 7 661 7 280	136 64 67 108 276 292 505	120 107 13 155 38 17	6 737 2 339 1 151 1 965 2 331 1 112 583	2 589 1 028 596 829 1 040 527 308	1 210 415 175 267 378 182 113	1 023 318 130 221 408 158 25	877 297 160 252 342 91 84	529 95 14 147 86 63	425 177 70 243 72 91 53	84 9 6 6 5 -
GROSS RENT Specified renter occupied					16 205	6 773	2 780	2 278	2 087	962	1 218	107
Less than \$50 \$50 to \$59 \$50 to \$59 \$70 to \$79 \$80 to \$79 \$80 to \$79 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 to \$299 \$300 or mare No cash rent					1 439 852 1 575 1 814 3 396 2 442 2 119 1 436 413 45 674 \$91	226 240 491 589 1 625 1 381 1 026 558 117 15 505 \$99	148 184 350 418 613 386 381 190 29 5 76 \$87	242 193 317 280 592 368 114 142 4 - 26 \$82	325 173 281 445 393 115 171 114 37 - 33 \$76	86 27 44 37 124 114 213 206 95 5 11	412 30 86 45 49 57 157 214 131 20 17 \$93	5 6 21 57 12 6 \$130
HEATING EQUIPMENT												
Steam or hot water	908 23 684 119 2 363 3 083	746 22 312 108 2 210 2 841	162 1 055 6 57 198	317 5 96 44	1 851 9 507 66 859 3 939 6	137 3 793 19 477 2 364 6	143 1 818 18 180 621	207 1 471 - 113 487 -	637 1 174 - 73 203	246 648 17 51	481 522 12 - 203	81 16 10
AIR CONDITIONING									_			
Room unit(s) Central system None	13 679 7 020 9 474	12 666 6 820 8 789	714 142 592	299 58 93	4 896 2 020 9 302	2 314 356 4 247	905 290 1 545	612 162 1 509	599 260 1 244	199 459 276	239 478 414	28 15 67
1	14 172 10 678 1 742 3 581	13 048 10 338 1 676 3 213	815 255 49 329	309 85 17 39	8 424 2 932 238 4 624	3 702 1 617 127 1 471	1 353 482 41 864	1 137 263 21 862	1 117 233 29 724	563 177 5 189	478 144 7 502	74 16 8 12

Excludes one-family homes on 10 acres or more.

Table B-7. Household Composition for Owner and Renter Occupied Housing Units: 1970

		Two-or-more-person households									One-person	households
Evansville			Male head, wi	fe present, no	nonrelatives		Other ma	le head	Female	head		
	Total	Under 25 years	25 to 34 years	35 to 44 years	45 to 64 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over	Under 65 years	65 years and over
Owner occupied housing units	30 157	631	3 563	4 460	9 856	3 695	747	247	1 684	904	1 752	2 618
PLUMBING FACILITIES BY PERSONS PER ROOM	29 677]						
With all plumbing facilities	15 709	625 256	3 540 522	4 434 638	9 779 5 111	3 616 2 951	7 36 387	238 170	1 658 867	876 645	1 7 07 1 698	2 468 2 464
0.51 to 1.00 1.01 to 1.50	11 939 1 751	349 16	2 633 347	2 880 800	4 162 418	650	315 34	68	671 99	198 28 I	9	4
1.51 or more tacking some or all plumbing facilities	278 480	4 6	38 23	116 26	88 77	79	11	- 9	21 26	5 28	45	-
0.50 or less 0.51 to 1.00	314 134	- 6	15	5 10	30 37	49	ii	9	16	4	40	150 150
1.01 to 1.50 1.51 or more	19	-	4	5	10	30	_	-	10	21 -	5 ~-	-
UNITS IN STRUCTURE	13	-	4	6	~	-	-	Nor	No.	3	~	-
12 or more	28 217 1 478	527 20	3 397 98	4 377 75	9 467 301	3 444 225	705 23	229 18	1 540 97	825 76	1 489 178	2 217 367
Mobile home or trailer	462	84	88	8	88	26	19	-	47	3	85	34
INCOME IN 1969 Less than \$2,000	3 290	24	37	27	153	374	40	39	242	217	382	1 755
\$2,000 to \$2,999 \$3,000 to \$3,999	1 653 1 305	20	14	9 19	145 146	732 480	5 30	32 33	118 123	116	95 245	387 142
\$4,000 to \$4,999 \$5,000 to \$5,999	1 448	9	20	63	310	441	41	10	130	118	190	116
\$6,000 to \$6,999	1 793	74 53	98 244	101 171	437 606	286 245	67 55	12	182 160	81 46	162 164	63 37
\$7,000 to \$9,999 \$10,000 to \$14,999	6 557 7 747	219 208	1 299 1 417	1 089 1 882	2 321 3 077	503 350	234 167	35 61	405 259	109 106	291 180	52 40
\$15,000 to \$24,999 \$25,000 or more	3 818 991	19	347	902	2 120	171	100	16	56	38	33	16
Median	\$8 800	\$8 900	\$10 200	197 \$12 000	541 \$11 300	\$4 600	\$8 700	\$6 500	\$6 300	\$4 400	10 \$4 800	10 \$2000 —
VALUE-INCOME RATIO Specified owner occupied	27 729	498	3 349	4 326	9 276	3 380	675	229	1 524	811	1 444	2 197
Less than 1.5	14 557	279	2 034	2 864	6 336	1 119	421	98	605	239	1 464 398	164
1.5 to 1.9 2.0 to 2.4	4 803 2 327	82 74	734 294	939 357	1 620 597	526 388	131 50	25 29	257 187	105 90	282 127	102 134
2.5 to 2.9 3.0 to 3.9	1 284 1 421	28 12	159 62	104 25	233 204	245 473	15	5	75	61	156	203
4.0 or moreNat computed	3 106	19	52	31	260	609	15 21	32 36	107 238	80 236	127 321	284 1 283
Nul compored	231	4	14	6	26	20	22	4	55	-	53	27
Renter occupied housing units	16 228	1 986	2 236	1 228	2 088	786	559	69	2 061	321	2 829	2 065
PLUMBING FACILITIES BY PERSONS PER ROOM With all plumbing facilities	15 418	1 947	2 202	1 017	0.047	-,,						
0.50 or less	7 178	418	373	1 217 160	2 041 782	7 60 405	554 1 74	59 21	1 981 537	290 126	2 553 2 434	7 814 1 748
0.51 to 1.00 1.01 to 1.50	6 718 1 113	1 336 129	1 436 290	650 314	1 053 141	323 27	311 58	34	1 226 150	164	119	66
1.51 or more	409 810	64	103	93	65	5	11	-1	68	-		
0.50 or less	393	39	34 5	11 -	47 5	26 10	5 -	10	80 11	31 14	276 156	251 192
0.51 to 1.00 1.01 to 1.50	346 30	33	10 1 9	11	21 7	16	een _	10	49 4	17	120	59
1.51 or more	41	6	-	-	14	-	5	-	16	-	-	
UNITS IN STRUCTURE	6 796	777	1 242	906	1 258	370	246	40	758	128	605	466
2 to 4 5 to 19	5 058 3 049	761 391	640	209	476	167	151	5	718	94	1 065	772
20 or more	1 218	30	237 92	102 6	277 77	142 107	119 27	15	449 128	58 41	786 352	473 349
Mobile home or trailer	107	27	25	5	-	-	16	-	8	-	21	5
Specified renter occupied ² Less than \$50	16 205	1 977	2 231	1 228	2 083	786	559	69	2 057	321	2 829	2 065
\$50 to \$59	1 439 852	22 19	16 51	32 20	46 60	133 31	20 22	20 15	194 106	71 22	400 232	485 274
\$60 to \$69 \$70 to \$79	1 575 1 814	139 263	99 163	50 111	179	74	43	-	189	68	471	263
\$80 to \$99 \$100 to \$119	3 396	650	514	267	253 424	63 167	76 107	8	227 503	38 35	403 454	217 267
\$120 to \$149	2 442 2 119	424 290	445 439	219 259	356 267	139 51	78 127	5	316 235	34 16	272 350	154 85
\$150 to \$199 \$200 to \$299	1 436 413	134 11	318 93	136 49	255 109	33 47	70	5	203 39	22	123 25	85 137
\$300 or mare	45 674	25	9 84	11 74	15 119	47	16	16	- 45	15	23 - 99	24 10 149
GROSS RENT AS PERCENTAGE OF INCOME						"			40	,"	• •	
BY INCOME Specified renter occupied?	16 205	1 977	2 231	1 000								
Less than \$5,000 Less than 20 percent	7 353	546	293	1 228 125	2 083 386	786 529	559 209	69 49	2 057 1 343	321 276	2 829 1 697	2 065 1 900
20 to 24 percent	720 751	40 86	61 32	14 8	49 51	80 58	10 16	6	126 109	26 22	229 264	79 105
25 to 34 percent 35 percent or more	1 578 3 656	203 197	93 101	38	127	117	56	5	336	66	304	233
Not computed	648	20	6	56 9	131 28	240 34	119 8	22 16	637 135	147 15	706 194	1 300 183
\$5,000 to \$9,999 Less than 20 percent	5 846 3 890	1 090 756	1 106 725	608 424	970 683	166 114	237 143	10	596 349	32 24	923 621	108 41
25 to 34 percent	1 079 557	240 78	194 106	94	168	16	42	-	104	8	192	21
35 percent or more	87	-	22	44 -	66 6	11	42 10	_	103 25	-	73 6	21 34 12
\$10,000 to \$14,999	233 2 129	16 297	59 652	46 366	47 419	19 33	72	10	15 93	-	31 159	28
Less than 20 percent20 to 24 percent	1 886 140	287 10	561	316	366	27	66	10	93 87	-	144	22
25 percent or more	33	-	66 9	21 6	22 6	- 6	6	_	_	-	9 6	<u> </u>
Not computed \$15,000 or more	70 877	- 44	16 180	23 129	25 308	-	_	-	6	-	_	~
Less than 20 percent 20 to 24 percent	822	44	171	123	308 284	58 53	41 41	-	25 25	13 13	50 50	29 18
25 percent or more	111	-	_	6 -	_	5	=	-	-	-	=	_
Not computed	44	<u> </u>	9	-	24				-	-	-	11

*Limited to sna-family homes on less than 10 acres and no business an property.

²Excludes one-family homes on 10 acres or more.

Table B-8. Persons in Owner and Renter Occupied Housing Units: 1970

	[Data based on	sample, see text.	For minimum b	ase for derived fi	gures (percent, r	nedian, etc.) and	meaning of sym	bols, see fext)		
Evansville	Total	1 person	2 persons	3 persons	4 persons	5 persons	6 persons	7 persons	8 persons or more	Median
Owner occupied housing units	30 157	4 370	10 211	5 318	4 709	2 791	1 437	865	456	2,6
BEDROOMS None and 1	2 706 13 380 11 418 2 767	1 333 2 481 665 129	1 111 5 950 2 418 374	185 2 392 2 556 289	23 1 613 2 749 326	668 1 660 496	34 202 882 532	20 55 409 354	- 19 79 267	1.5 2.2 3.5 5.0
YEAR STRUCTURE BUILT 1949 to March 1970 1965 to 1968 1960 to 1964 1950 to 1959 1940 to 1959 1940 to 19749	307 1 258 1 481 7 343 5 599 14 169	14 101 76 479 714 2 986	80 301 347 1 989 1 977 5 517	78 263 347 1 497 1 011 2 122	81 271 310 1 705 868 1 474	24 190 243 951 522 861	16 73 111 439 276 522	14 44 42 190 147 428	15 5 93 84 259	3.3 3.4 3.4 3.3 2.6 2.2
UNITS IN STRUCTURE 1 2 or mare	28 217 1 478 462	3 706 545 119	9 471 575 165	5 096 123 99	4 553 104 52	2 712 61 18	1 367 61 9	856 9 -	456 - - -	2.7 1.8 2.2
COMPLETE BATHROOMS 1 and 1 1/2 2 and 2 1/2 3 or more None or also used by another household	26 149 3 177 318 529	3 932 164 28 212	9 315 769 59 180	4 575 595 72 34	3 935 666 40 65	2 257 467 49 23	1 068 258 27 7	689 153 43	378 105 -	2.5 3.6 3.5 1.8
HOUSEHOLD COMPOSITION Two-or-more-person households. Mole head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years 65 years and over Female head Under 65 years 65 years and over 65 years and over 65 years and over 65 years and over 65 years and over 65 years and over	25 787 22 205 631 3 563 4 460 9 856 3 495 994 747 247 2 588 1 684 904 4 370	4 370	10 211 8 283 203 327 351 4 378 3 024 514 348 166 1 414 782 632	5 318 4 498 266 709 593 2 436 494 240 194 46 580 403	4 709 4 310 131. 2 1 395 1 209 1 440 135 99 74 25 300 269 31	2 791 2 586 19 772 996 781 18 87 777 10 118 93 25	1 437 1 320 8 194 658 442 18 32 32 32 - 85 70	865 784 121 428 235 18 18 -63 43 20	456 424 4 45 225 144 6 4 4 - 28 24 4	3.0 3.1 2.9 4.0 4.6 2.7 2.1 2.5 2.6 2.2 2.4 2.6 2.2 1.0
VALUE-INCOME RATIO Specified owner occupied* Less than 1.5. 1.5 to 1.9. 2.0 to 2.4. 2.5 to 2.9. 3.0 to 3.9. 4.0 or more Not computed	27 729 14 557 4 803 2 327 1 284 1 421 3 106 231	3 661 562 384 261 359 411 1 604 80	9 305 4 508 1 572 878 461 749 1 047 90	4 991 3 191 830 403 147 129 265 26	4 460 2 831 977 322 144 68 100 18	2 663 1 665 551 268 80 47 41	1 350 929 243 87 45 12 28 6	852 550 173 79 24 5 21	447 321 73 29 24 - -	2.7 3.2 3.0 2.6 2.1 1.9 1.5
Renter occupied housing units	16 228	4 894	4 817	2 736	1 773	914	492	260	342	2.2
BEOROOM5 None	542 6 679 6 311 2 615	463 3 085 990 79	79 2 433 2 132 344	895 1 481 395	140 1 141 532	126 126 387 547	- 80 291	81 116	19 311	1.1 1.6 2.5 4.4
YEAR STRUCTURE BUILT 1969 to March 1970 1965 to 1968 1960 to 1964 1990 to 1999 1990 to 1949 1939 or eorlier	397 1 531 438 1 508 2 878 9 476	160 525 144 274 758 3 033	158 542 154 371 934 2 658	27 276 51 335 534 1 513	34 133 53 215 380 958	13 16 14 145 148 578	16 16 99 48 313	1-1 6 31 41 171	5 12 38 35 252	1.7 1.9 2.0 2.8 2.2 2.1
UNITS IN STRUCTURE 1 2 3 and 4 5 to 9 10 to 19 20 or more	6 796 2 780 2 278 2 087 962 1 218	1 071 926 911 911 348 701 26	1 877 851 719 592 357 393 28	1 352 496 383 276 132 74 23	1 079 250 171 132 82 39	626 138 48 75 11 11	359 67 13 33 15	208 22 10 15 5 -	224 30 23 53 12	2.8 2.0 1.8 1.7 1.9 1.4 2.5
COMPLETE BATHROOMS 1 and 1 1/2 2 or more	14 844 489 885	4 277 87 572	4 386 134 172	2 613 70 76	1 711 82 21	818 39 33	490 21 ~	262 14	287 42 11	2.2 2.8 1.3
HOUSEHOLD COMPOSITION Twe-or-more-person households Male head, wife present, no nonrelatives Under 25 years 25 to 34 years 35 to 44 years 45 to 64 years 65 years and over Other male head Under 65 years and over Female head Under 65 years and over Female head Under 65 years and over Female head One-person households	11 334 8 324 1 986 2 236 1 228 2 088 786 628 559 69 2 382 2 061 321 4 894	4 894	4 817 3 310 839 544 199 1 053 675 311 265 46 1 196 9455 251	2 736 2 034 796 600 1422 456 40 171 156 15: 531 493 38	1 773 1 375 233 595 266 21 63 55 8 335 311 24	914 734 100 246 235 131. 22 45 45 45 135	492 396 10 105 165 99 17 12 12 - 84 84 -	260 220 98 101 10 11 9 9 9	342 255 8 48 126 73 17 17 70 62 8	2.8 2.9 2.7 3.5 4.6 2.5 2.1 2.5 2.6 2.5 2.7 2.1
GROSS RENT AS PERCENTAGE OF INCOME Specified renter occupied? Less than 10 percent 16 to 14 percent 15 to 19 percent 20 to 24 percent 25 to 34 percent 35 percent or more Not computed	16 205 1 183 3 248 2 887 1 981 2 162 3 749 995	4 894 195 524 485 597 650 2 024 419	4 813 416 1 035 950 552 675 921 264	2 731 183 788 570 311 414 344 121	1 764 162 395 472 197 219 226	909 95 202 194 158 116 92 52	492 62 157 98 79 27 43 26	260 18 71 36 41 36 38 20	342 52 76 82 46 25 61	2.2 2.5 2.6 2.5 2.2 2.1 1.4

*Limited to one-family homes on less than 10 acres and no business on property. 2Excludes one-family homes on 10 acres or more.

Table B-9. Duration of Vacancy for Year-Round Vacant for Sale and Vacant for Rent Housing Units: 1970

_	-								
Evansville	Total	Less than 2 months	2 up to 6 months	6 months or more	Evansville	Total	Less than 2 months	2 up to 6 months	6 months or more
Vacant for sale	376	129	123	124	Vacant for rent	1 476	1 007	340	129
ROOMS					ROOMS				\
1 to 3 rooms	33 82 128 88 45	26 54 42 7	12 36 37 17 21	21 20 37 29 17	1 room	46 294 586 369 154	39 225 390 259 94	4 66 130 96 28	3 3 66 14 32
PLUMBING FACILITIES					7 rooms or more	13	-	5	Ĕ
With all plumbing facilities Lacking some or all plumbing facilities	355 21	129	118 5	108 16	PLUMBING FACILITIES				
BEDROOMS None and 1	66 173	13 52	13 81	40 40	With all plumbing facilities Lacking some or all plumbing facilities BEDROOMS	1 347 129	933 74	296 44	118 11
4 or moreYEAR STRUCTURE BUILT	158 26	90 -	54 13	14 13	None	79 916 315	62 642 207	17 247 75	27 33
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	41 33 79 223	13 8 21 87	15 13 21 74	13 12 37 62	3 or more YEAR STRUCTURE BUILT	127	79	32	16
UNITS IN STRUCTURE 1 2 or more	323 53	126 3	103 20	94 30	1969 to March 1970	152 84 242 998	133 80 136 658	19 4 87 230	- 19 110
HEATING EQUIPMENT	.	l			UNITS IN STRUCTURE				
Steam or hot water	265 4 33 70 4	88 4 7 30	86 - 15 18 4	91 11 22 -	1	374 691 247 69 95	245 444 177 58 83	70 183 64 11 12	59 64 6 -
SALES PRICE ASKED			ļ		RENT ASKED				
Specified vacant for sale' Less than \$5,000 \$5,000 to \$9,999 \$10,000 to \$14,999 \$15,000 to \$19,999 \$25,000 to \$24,999 \$25,000 to \$49,999 \$35,000 to \$49,999 \$50,000 or more Median price asked	4	126 13 49 27 10 12 15 - - \$10 200	103 12 30 27 12 8 10 4 - \$11 800	90 13 10 21 10 18 18 	Specified vacant for rent? \$50 to \$59 \$60 to \$79 \$100 to \$119 \$120 to \$149 \$150 to \$199 \$200 or more. Median rent asked	1 453 204 118 495 316 124 113 62 21 \$76	1 007 137 67 326 211 96 104 54 12 \$78	337 61 45 110 78 21 9 8 5 5	109 6 6 59 27 7 - - 4 \$74

Limited to one-family homes on less than 10 acres and no business on property.

²Excludes one-family homes on 10 acres or more.

Table B-10. Sales Price Asked and Rent Asked for Year-Round Vacant Housing Units: 1970

[Data based on sample, see text. For meaning of symbols, see text]

			Sales price a	sked — Vacan	for sale:				Ren	t asked –	Vacant fo	r rent²		
Evansville	Total	Less than \$10,000	\$10,000 to \$14,999	\$15,000 10 \$19,999	\$20,000 to \$24,999	\$25,000 to \$34,999	\$35,000 or more	Total	Less than \$60	\$60 to \$79	\$80 to \$99	\$100 to \$149	\$150 to \$199	\$200 or more
Total	319	127	75	32	38	43	4	1 453	322	495	316	237	62	21
PLUMBING FACILITIES														
With all plumbing facilities Lacking some or all plumbing facilities	357 14	130 14	78 	27 -	42	80	-	1 303 134	341 66	522 17	224 34	164 17	52 -	-
BEDROOMS														
None and 1	27 160 158 26	27 78 39	39 39 -	14 13 -	- 42 -	29 25 26	- - - -	995 315 127 -	296 50 61	377 128 34	186 40 32	136 45 -	5 <u>2</u>	
YEAR STRUCTURE BUILT														
1969 to March 1970 1960 to 1968 1950 to 1959 1949 or earlier	32 33 75 179	- 4 17 106	5 5 31 34	4 - 7 21	16 4 10 8	3 20 10 10	4 - - -	152 84 242 975	8 4 42 268	- 97 398	42 15 50 209	72 29 49 87	30 32 	- 4 4 13
UNITS IN STRUCTURE														
1 2 to 4 5 to 19 20 or more	•••	•••	•••					351 691 316 95	96 104 105 17	102 299 90 4	95 155 54 12	41 117 47 32	4 12 20 26	13 4 - 4
INCLUSION OF UTILITIES IN RENT														
All utilities includedSome or no utilities included		•••						780 673	185 137	304 191	154 162	124 113	62	13 8

*Limited to one-family homes on less than 10 acres and no business on property. **Excludes one-family homes on 10 acres or more.

Appendix A.—AREA CLASSIFICATIONS

USUAL PLACE OF RESIDENCE	App-
COUNTIES	App-
PLACES	App-
STANDARD METROPOLITAN	Ann-1

USUAL PLACE OF RESIDENCE

In accordance with census practice dating back to 1790, each person enumerated in the 1970 census was counted as an inhabitant of his usual place of residence, which is generally construed to mean the place where he lives and sleeps most of the time. This place is not necessarily the same as his legal residence, voting residence, or domicile. In the vast majority of cases, however, the use of these different bases of classification would produce substantially the same statistics although there may be appreciable differences for a few areas.

The implementation of this practice has resulted in the establishing of residence rules for certain categories of persons whose usual place of residence is not immediately clear. Furthermore, this practice means that persons were not always counted as residents of the place where they happened to be found by the census enumerators. Persons without a usual place of residence were, however, counted where they were enumerated. Detailed information on residence rules is given in the 1970 Population Census PC(1)-A reports.

COUNTIES

The primary divisions of the States are, in general, termed counties, but in Louisiana these divisions are known as parishes. There are no counties in Alaska; in this State, statistical areas called census divisions were developed

for general statistical purposes through the cooperation of the State and the Census Bureau and are treated as county equivalents. In four States (Maryland, Missouri, Nevada, and Virginia), there are one or more cities which are independent of any county organization and thus constitute primary divisions of their States.

PLACES

Two types of places are recognized in the census reports, incorporated places and unincorporated places. Incorporated places are political units incorporated as cities, boroughs, towns, and villages except for (a) boroughs in Alaska and (b) towns in the New England States, New York, and Wisconsin, Unincorporated places are closely settled population centers without corporate limits for which the Census Bureau has delineated boundaries. Each place so delineated possesses a definite nucleus of residences and has its boundaries drawn to include, if feasible, all the surrounding closely settled area. Unincorporated places are identified with the letter "U."

STANDARD METROPOLITAN STATISTICAL AREAS

The Bureau of the Census recognizes 243 standard metropolitan statistical areas (SMSA's) in the United States and 4 in Puerto Rico, making a total of 247 in the 1970 census. These include the 231 SMSA's as defined and named in the Bureau of the Budget publication, Standard Metropolitan Statistical Areas: 1967, U.S. Government Printing Office, Washington, D.C. 20402. Since 1967, 16 SMSA's have been added, of which two were defined in January 1968 and an additional 14 were defined in February

1971 on the basis of the results of the 1970 census. Changes in SMSA boundaries or titles made after February 1971 are not recognized in this series of reports. SMSA's are defined by the Office of Management and Budget (formerly Bureau of the Budget).

Except in the New England States, a standard metropolitan statistical area is a county or group of contiguous counties which contains at least one city of 50,000 inhabitants or more, or "twin cities" with a combined population of at least 50,000. In addition to the county or counties containing such a city or cities, contiguous counties are included in an SMSA if, according to certain criteria, they are socially and economically integrated with the central city. In the New England States, SMSA's consist of towns and cities instead of counties. Each SMSA must include at least one central city. and the complete title of an SMSA identifies the central city or cities. For a detailed description of the criteria used in defining SMSA's, see the Bureau of the Budget publication cited above.

The figures for central cities shown in this report may differ from those shown in the Housing Census HC(1)-A and HC(1)-B reports. In those reports, if a central city of an SMSA is an extended city (so designated because it has extended its boundaries to include territory essentially rural in character), the figures shown for the central city were restricted to the urban portion of the city. In addition, parts of central cities outside the SMSA boundaries were excluded from the central city tabulations. In this report, however, figures for central cities refer to the entire population and housing within the legal city boundaries, including any rural parts of the city or parts outside the SMSA

Appendix B.—DEFINITIONS AND EXPLANATIONS OF SUBJECT CHARACTERISTICS

GENERAL	App-2
Self-enumeration and census	
questionnaire	App-2
Comparability with 1960 data	App-2
LIVING QUARTERS	Арр-3
	App-3
Housing units	App-3
Group quarters	App-5
Rules for mobile homes, hotels, rooming houses, etc	A 2
Institutions	App-3
manuons	App-4
OCCUPANCY AND VACANCY	
CHARACTERISTICS	App-4
Occupied housing units	App-4
Race	App-4
Spanish heritage	App-4
Tenure	App-4
Year moved into unit	App-4
Vacant housing units	App-4
Vacancy status	App-5
Duration of vacancy	App-5
Duration of vacancy	App-5
UTILIZATION	
CHARACTERISTICS	App-5
Persons	App-5
Rooms	App-5
Persons per room	App-5
Bedrooms	App-5
STRUCTURAL AND PLUMBING	
CHARACTERISTICS	App-5
Direct access	App-5
Complete kitchen facilities	App-5
Year structure built	App-6
Units in structure	App-6
Elevator in structure	App-6
Plumbing facilities	App-6
Complete bathrooms	App-6
EQUIPMENT, FUELS, AND	
APPLIANCES	Арр-6
Heating equipment	App-6
Air conditioning	App-7
Automobiles available	App-7
Automatic clothes washing	Whh ,
machine	App-7
Clothes dryer	App-7
Dishwasher	А р р-7
Home food freezer	App-7
Owned second home	App-7
The second field the second second	whh.
FINANCIAL	
CHARACTERISTICS	Арр-7
Value	App-7
Sales price asked	App-7

Gross rent	8-qqA
Rent asked	App-8
Value-income ratio	App-8
Gross rent as percentage of	
income	App-8
HOUSEHOLD	
CHARACTERISTICS	App-8
Head of household	App-8
Household composition	App-8
Nonrelative	App-9
Family or primary individual	App-9
Income in 1969	App-9
FACSIMILES	App-10
Housing Pages in the 1970	
Census Questionnaires	App-10
Respondent Instructions for the	• •
Housing Questions in the 1970	
Census	App-13

GENERAL

Self-enumeration and census questionnaire.-As stated in the introductory text of this report, the 1970 census was conducted primarily through selfenumeration. Furthermore, census takers were instructed to read the questions directly from the questionnaire in their telephone and personal visit interviews. The questionnaire pages containing the housing questions asked on a 100-percent basis and the additional questions asked on a sample basis, as well as the page of the respondent instruction sheet which relates to these questions, are reproduced on pages App-10 to App-13. The definitions and explanations given below for each subject are, to a considerable extent, drawn from various technical and procedural materials used in the collection of the data. This material helped the enumerative personnel to understand more fully the intent of each question and thus to resolve problem or unusual cases. Also included is certain explanatory information to assist the user in the proper utilization of the statistics.

Comparability with 1960 data.-Although the 1970 data are generally comparable with the data collected in 1960, certain changes have been introduced. The 1960 inquiry regarding owner occupancy has been subdivided to show a separate category for cooperatives and condominiums in 1970. The 1960 question on cooking equipment was broadened in 1970 to cover "complete kitchen facilities"; i.e., an installed sink with piped water, a range or cookstove, and a mechancial refrigerator. On the other hand, the 1960 question on condition of housing unit (i.e., sound, deteriorating, or dilapidated) was eliminated because of serious problems with response reliability.

Items which were added to the 1970 questionnaire are dishwasher and owned second home. The 1960 inquiry on television has been subdivided to provide separate information on television sets which can receive UHF broadcasts. The 1970 inquiry on radios is limited to battery-operated sets including car radios, whereas the 1960 inquiry covered radio sets of all kinds located in the unit. Data on television sets and radios are not given in this report; statistics on these appliances, however, are presented in the 1970 Housing Census, HC(1)-B

There have also been changes in the scope of some of the tabulations. The tabulations on value and contract rent refer to slightly different sets of housing units in 1970 than in 1960. Summarized generally, the difference is that the 1970 data exclude units on places of 10 acres or more whereas the 1960 data exclude units on farms; more specific information can be obtained by comparing the value and rent definitions in the present report with those in 1960 Housing Census Volume I.

Data on elevator in structure were collected for all geographic areas in 1970. In 1960, statistics on elevator in structure were collected only for large places; that is, places which had a population of 50,000 or more in 1950 or in an interim census.

Separate data on a number of subjects are presented for occupied units with Negro head of household. In 1960, this type of tabulation related to the total of all household heads other than white; Negro household heads constituted 95 percent of this total in 1960 for the Nation as a whole, but this proportion varied widely among areas.

Separate data are also shown in this report for housing units occupied by heads of Spanish heritage, that is, household heads of Spanish language or Spanish surname in five Southwestern States (Arizona, California, Colorado, New Mexico, and Texas), heads of Puerto Rican birth or parentage in New York, New Jersey, and Pennsylvania, and heads of Spanish language in all other States. In 1960. household heads of Spanish surname were identified in the five Southwestern States and Puerto Rican heads of households were identified in all other States. More information on the 1970 definition is given in this report and in the 1970 Population Census Series PC(1)-C reports; the 1960 definition is more fully explained in the 1960 Census of Housing Volume I reports.

LIVING QUARTERS

Living quarters are classified in the census as either housing units or group quarters. Usually, living quarters are in structures intended for residential use (e.g., a one-family home, apartment house, hotel or motel, boarding house,

mobile home or trailer, etc.). Living quarters may also be in structures intended for nonresidential use (e.g., the rooms in a warehouse where a watchman lives), as well as in tents, caves, old railroad cars, etc.

Housing units.-A housing unit is a house, an apartment, a group of rooms, or a single room occupied or intended for occupancy as separate living quarters. Separate living quarters are those in which the occupants do not live and eat with any other persons in the structure and which have either (1) direct access from the outside of the building or through a common hall or (2) complete kitchen facilities for the exclusive use of the occupants. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements (except as described in the section on group quarters). For vacant units, the criteria of separateness, direct access, and complete kitchen facilities for exclusive use are applied to the intended occupants, whenever possible. If the information cannot be obtained, the criteria are applied to the previous occupants. Both occupied and vacant housing units are included in the housing inventory, except that mobile homes, trailers, tents, caves, boats, railroad cars, and the like, are included only if they are occupied.

Group quarters.—Group quarters are living arrangements for institutional inmates or for other groups containing five or more persons not related to the person in charge. Group quarters are located most frequently in institutions, boarding houses, military barracks, college dormitories, fraternity and sorority houses, hospitals, mona-

steries, convents, and ships. A house or apartment is considered group quarters if it is shared by the person in charge and five or more persons unrelated to him, or if there is no person in charge, by six or more unrelated persons. Information on the housing characteristics of group quarters was not collected in the census.

Rules for mobile homes, hotels, rooming houses, etc.—Mobile homes or trailers, tents, boats, or railroad cars are not enumerated if vacant, used only for business, or used only for vacations.

Occupied rooms or suites of rooms in hotels, motels, and similar places are classified as housing units only when occupied by permanent residents; i.e., persons who consider the hotel as their usual place of residence or have no usual place of residence elsewhere. Vacant rooms or suites of rooms are classified as housing units only in those hotels, motels, and similar places in which 75 percent or more of the accommodations are occupied by permanent residents.

If any of the occupants in a rooming or boarding house live and eat separately from everyone else in the building and have either direct access or complete kitchen facilities for exclusive use, their quarters are classified as separate housing units. The remaining quarters are combined. If the combined guarters contain four or fewer roomers unrelated to the head, they are classified as one housing unit; if the combined quarters contain five or more roomers unrelated to the head or person in charge, they are classified as group quarters. In a dormitory, residence hall, or similar place, living quarters of the supervisory staff and other employees are separate housing units if they satisfy the housing unit criteria; other living quarters are considered group quarters.

Institutions.—Living quarters of staff personnel are separate housing units if they satisfy the housing unit criteria. Other living quarters are considered group quarters.

OCCUPANCY AND VACANCY CHARACTERISTICS

Occupied housing units.—A housing unit is classified as occupied if a person or group of persons is living in it at the time of enumeration or if the occupants are only temporarily absent — for example, on vacation. However, if the persons staying in the unit have their usual place of residence elsewhere, the unit is classified as vacant.

A household consists of all the persons who occupy a housing unit. By definition, therefore, the count of occupied housing units is the same as the count of households in the 1970 Census of Population reports. In some cases, however, there may be small differences in the counts resulting from processing procedures.

Race.—The classification by race shown here refers to the race of the head of the household occupying the housing unit. Detailed characteristics of units with Negro head of household are presented in separate tables for SMSA's, cities or places having a Negro population of 25,000 or more. The concept of race as used by the Census Bureau does not denote clear-cut scientific definitions of biological stock. The data represent essentially self-classification by people according to the race with which they identify themselves.

Spanish heritage.—The inquiries in the 1970 census permit the identification of housing units occupied by heads of Spanish heritage by various means: birthplace, birthplace of parents, language, and surname. The specific types of identification are given below. A more detailed explanation is given in the 1970 Population Census PC(1)-C reports.

Puerto Rican birth or parentage.— Household heads of Puerto Rican birth or parentage are identified in the three Middle Atlantic States: New York, New Jersey, and Pennsylvania.

Spanish language or Spanish surname.—In five Southwestern States — Arizona, California, Colorado, New Mexico, and Texas — household heads of Spanish language or Spanish surname are identified. (A household head is classified as of Spanish language if the head or his wife reported Spanish as his or her mother tongue, i.e., the language spoken at home when the person was a child.)

Spanish language.—In all other States and the District of Columbia, households heads of Spanish language (as defined above) are identified.

Detailed characteristics of units with heads of Spanish heritage are presented in separate tables for SMSA's, cities or places having a population of 25,000 or more for the particular Spanish-heritage group.

Tenure.—(See facsimiles of questionnaire item H9 and instructions on pages App-10 and App-13.) A housing unit is "owner occupied" if the owner or co-owner lives in the unit, even if it is mortgaged or not fully paid for. A cooperative or condominium unit is "owner occupied" only if the owner or co-owner lives in it. All other occupied units are classified as "renter occupied," including units rented for cash rent and those occupied without payment of cash rent.

Year moved into unit.-Data on year moved into unit are based on the information reported for the head of the household. The question refers to the year of latest move. Thus, if the head moved back into a unit he had previously occupied, the year of his latest move was to be reported; if he moved from one apartment to another in the same building, the year he moved into his present unit was to be reported. The intent is to establish the year the present occupancy by the head began. The year the head moves is not necessarily the same year other members of the household move, although in the great majority of cases the entire household moves at the same time.

Vacant housing units.—A housing unit is vacant if no one is living in it at the time of enumeration, unless its occupants are only temporarily absent. In addition, a vacant unit may be one which is occupied entirely by persons who have a usual residence elsewhere.

New units not yet occupied are classified as vacant housing units if construction has reached a point where all exterior windows and doors are installed and final usable floors are in place. Vacant units are excluded if unfit for human habitation; that is, if the roof, walls, windows, or doors no longer protect the interior from the elements, or if there is positive evidence (such as a sign on the house or in the block) that the unit is to be demolished or is condemned. Also

excluded are quarters being used entirely for nonresidential purposes, such as a store or an office, or quarters used for the storage of business supplies or inventory, machinery, or agricultural products.

Vacancy status.—(See facsimile of questionnaire item C on page App 10.) Vacant housing units are classified as either "seasonal and migratory" or "year-round." "Seasonal" units are intended for occupancy during only certain seasons of the year, included are units intended for recreational use, such as beach cottages and hunting cabins, and vacant units held for herders and loggers. "Migratory" units are vacant units held for occupancy by migratory labor employed in farm work during the crop season. "Yearround" vacant housing units are available or intended for occupancy at any time of the year. A unit in a resort area which is usually occupied on a year-round basis is considered yearround. A unit used only occasionally throughout the year is also considered year-round.

This report presents statistics for "year-round" vacant units on the market for sale or for rent. Excluded are "seasonal and migratory" vacant units, as well as "year-round" vacant units sold or rented but not yet occupied by the new owner or renter, units held for the occasional use of the owner, and units held off the market for other reasons.

Vacant for sale.—Vacant year-round units "for sale" also include vacant units in a cooperative or condominium building if the individual units are offered for sale only.

Vacant for rent.—Vacant yearround units "for rent" also include vacant units offered either for rent or for sale. Duration of vacancy.—(See facsimile of questionnaire item D on page App-10.) The statistics on duration of vacancy refer to the length of time (in months) from the date the last occupants moved from the unit to the date of enumeration. The data, therefore, do not provide a direct measure of the total length of time units remain vacant. For newly constructed units which have never been occupied, the duration of vacancy is counted from the date construction was completed. For recently converted or merged units, the time is reported from the date conversion or merger was completed.

UTILIZATION CHARACTERISTICS

Persons.—All persons occupying the housing unit are counted. These persons include not only occupants related to the head of the household but also any lodgers, roomers, boarders, partners, wards, foster children, and resident employees who share the living quarters of the household head. The data on "persons" show the number of housing units occupied by the specified number of persons.

Units with one or more roomers, boarders, or lodgers are shown as a separate category. Not included as "roomers, boarders, or lodgers" are servants who live in, companions, partners, etc.

Rooms.—(See facsimiles of questionnaire item H4 and instructions on pages App-10 and App-13.) The statistics on "rooms" are in terms of the number of housing units with specified number of rooms. The intent of this question was to count the number of whole rooms used for living purposes. As stated on the questionnaire and instruction sheet, bathrooms, foyers, utility rooms, unfinished attics or basements, etc., are not included in the count of rooms.

Persons per room.—"Persons per room" is computed for each occupied unit by dividing the number of persons in the unit by the number of rooms in the unit. The figures shown refer, therefore, to the number of housing units having the specified ratio of persons per room.

Bedrooms.-(See facsimile of questionnaire item H26 on page App-12.) The number of bedrooms in the unit is the count of rooms used mainly for sleeping, even if also used for other purposes. Rooms reserved for sleeping such as guest rooms, even though used infrequently, are counted as bedrooms. On the other hand, rooms used mainly for other purposes, even though used also for sleeping, such as a living room with a hideaway bed, are not considered bedrooms. A housing unit consisting of only one room, such as one-room efficiency apartment, is classified, by definition, as having no bedroom.

STRUCTURAL AND PLUMBING CHARACTERISTICS

Direct access.—(See facsimiles of questionnaire item H2 and instructions on pages App-10 and App-13.) A housing unit is regarded as having direct access if there is (1) a direct entrance from the outdoors, or (2) an entrance from a hall, lobby, or vestibule which is usually used by the occupants of more than one unit or by the general public.

Complete kitchen facilities.—(See facsimiles of questionnaire item H3 and instructions on pages App-10 and App-13.) A unit has complete kitchen facilities when it has all three of the

following: (1) an installed sink with piped water, (2) a range or cookstove, and (3) a mechanical refrigerator.

All kitchen facilities must be located in the structure. They need not be in the same room. Quarters with only portable cooking equipment are not considered as having a range or cookstove. An icebox is not included as a mechanical refrigerator.

The kitchen facilities are for the exclusive use of the occupants (shown on the questionnaire as "for this household only") when they are used only by the occupants of one housing unit, including lodgers or other unrelated persons living in the unit. When a structure consists of only one housing unit, all equipment located inside the structure is classified, by definition, for exclusive use.

Year structure built.—(See facsimile of questionnaire item H15 on page App-11.) Year structure built refers to when the building was first constructed, not when it was remodeled, added to, or converted. The figures relate to the number of units in structures built during the specified periods and in existence at the time of enumeration.

Units in structure.—(See facsimiles of questionnaire item H16 and instructions on pages App-11 and App13.) In the determination of the number of units in a structure, all housing units, both occupied and vacant, were counted. The statistics are presented in terms of the number of housing units in structures of specified type and size, not in terms of the number of residential structures.

A structure is a separate building that either has open space on all sides or is separated from other structures by dividing walls that extend from ground to roof. Structures containing only one housing unit are further classified as detached or attached (as explained on the questionnaire and instruction sheet).

Mobile homes and trailers are shown as a separate category. When one or more rooms have been added to a mobile home or trailer it is classified as a one-family house. If, however, only a porch or shed has been added, it is still counted as a mobile home or trailer.

The data on units in structure shown in this report may differ from the comparable figures in the HC(1)-A report. The answers to item H16 on the sample questionnaire made it possible in the HC(2) tabulations to correctly classify as mobile homes or trailers those which were incorrectly classified as one-family houses or as housing units in multiunit structures in the HC(1)-A tabulations.

Elevator in structure.—(See facsimiles of questionnaire item H24 and instructions on pages App-12 and App-13.) Statistics on elevator in structure are presented in terms of the number of housing units in structures with four stories or more which have a passenger elevator. Units are in a "walk-up" structure of four stories or more if the structure has no passenger elevator or if the only elevator service is for freight.

Plumbing facilities.—(See facsimiles of questionnaire items H5, H6, and H7 and instructions on pages App-10 and App-13.) The category "with all plumbing facilities" consists of units which have hot and cold piped water inside the structure as well as a flush toilet and a bathtub or shower inside the structure for the exclusive use of the occupants of the unit. "Lacking some or all plumbing facilities" means that the unit does not have all three

specified plumbing facilities (hot and cold piped water, as well as flush toilet and bathtub or shower inside the structure), or that the toilet or bathing facilities are also for the use of the occupants of other housing units.

Complete bathrooms.—(See facsimile of questionnaire item H21 on page App-11.) A housing unit is classified as having a complete bathroom if it has a room with a flush toilet and bathtub or shower for the exclusive use of the occupants of the unit and a wash basin, as well as piped hot water in the structure. (Although the instructions on the questionnaire do not specify that a complete bathroom must have hot water, this requirement was applied during the processing of the data in an edit combining the items on complete bathrooms and piped water in structure.) A half bathroom has either a flush toilet or a bathtub or shower for exclusive use, but does not have all the facilities for a complete bathroom.

The category "none or also used by another household" consists of units with no bathroom facilities, units with only a half bathroom, and units with bathroom facilities which are also for the use of the occupants of other housing units.

EQUIPMENT, FUELS, AND APPLIANCES

Heating equipment.—(See facsimiles of questionnaire item H14 and instructions on pages App-11 and App-13.) "Steam or hot water" refers to a central heating system in which heat from steam or hot water is delivered through radiators or other outlets. "Warm-air furnace" refers to a central system which provides warm air through ducts leading to various rooms; central heat pumps are

included in this category. "Built-in electric units" are permanently installed in floors, walls, or ceilings. A "floor, wall, or pipeless furnace" delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. "Other means" includes room heaters with or without flue, fireplaces, stoves, and portable heaters of all types.

For vacant units from which the heating equipment had been removed, the equipment used by the last occupants was to be reported.

Air conditioning.—(See facsimiles of questionnaire item H22 and instructions on pages App-11 and App-13.) Air conditioning is defined as the cooling of air by a refrigeration unit; excluded are evaporative coolers, fans. or blowers which are not connected to a refrigeration unit. A central system is a central installation which airconditions the entire housing unit. In an apartment building, a central system may cool all apartments in the building, each apartment may have its own central system, or there may be several systems, each providing central air conditioning for a group of apartments. A central installation with individual room controls is a central air-conditioning system. A room unit is an individual air conditioner which is installed in a window or an outside wall and is generally intended to cool one room, although it may sometimes be used to cool more than one room.

Automobiles available.—(See facsimiles of questionnaire item H23 and instructions on pages App-11 and App-13.) Statistics on automobiles available represent the number of passenger automobiles, including station wagons, which are owned or regularly used by any member of the household and

which are ordinarily kept at home. Taxicabs, pickups, or larger trucks were not to be counted. The figures include leased automobiles and company-owned automobiles kept at home. The statistics, therefore, do not reflect the number of automobiles privately owned or the number of households owning automobiles.

Appliances.—(See facsimiles of questionnaire items H27 and instructions on pages App-12 and App-13.)

Automatic clothes washing machine.—This category describes a machine that washes, rinses, and damp dries in the same tub; washer-dryer combinations are included in this group.

Clothes dryer.—A clothes dryer is a mechanical appliance in which clothes are dried by heated air. A unit with a washer-dryer combination is classified as having a clothes dryer (as well as an automatic clothes washing machine.)

Dishwasher.—This category includes both built-in and portable dishwashers.

Home food freezer.—A home food freezer is an appliance, separate from the refrigerator, designed for freezing food and for storing frozen food.

Owned second home.—(See facsimiles of questionnaire item H30 and instructions on pages App-12 and App-13.) A second home may be a single-family house, vacation cottage, hunting cabin, ski lodge, etc., which is owned and held for use sometime during the year by the owner or members of his household. Second homes may also be owned in partnership with members of a different household. The figures include second homes which are some-

times rented or leased on a short-term basis to other persons but are principally held for the owner's occasional use during the year.

The statistics refer to the number of households that own (one or more) second homes. The data, therefore, do not reflect the number of owned second homes.

FINANCIAL CHARACTERISTICS

Value.—(See facsimiles of questionnaire item H11 and instructions on pages App-10 and App-13.) Value is the respondent's estimate of how much the property (house and lot) would sell for if it were for sale. The statistics on value are shown only for one-family houses on less than 10 acres without a commercial establishment or medical office on the property. The value tabulations also exclude mobile homes and trailers and units in cooperatives and condominiums.

As stated in the section on "units in structure," certain mobile homes and trailers were incorrectly classified as one-family houses in the HC(1)-A tabulations. In the HC(2) reports, the number of specified owner-occupied (one-family) units and the value tabulations correctly exclude the misclassified mobile homes and trailers; these tend to be at the lower end of the value distribution. As a result, the data on value shown in this report may differ from the comparable statistics in the HC(1)-A report.

Sales price asked.—For vacant units, the sales price is the amount asked for the property at the time of enumeration. The statistics on sales price are shown only for vacant for sale one-family houses on less than 10 acres without a commercial establishment or medical office on the property.

Gross rent.-(See facsimiles of questionnaire items H12 and H13 and instructions on pages App-10, 11, and 13.) The computed rent termed "gross rent" is the contract rent plus the estimated average monthly cost of utilities (electricity, gas, water) and fuels (oil, coal, kerosene, wood, etc.), if these items are paid for by the renter (or paid for him by someone else, such as a relative, welfare agency, or friend) in addition to rent. Contract rent is the monthly rent agreed to, or contracted for, regardless of any furnishings, utilities, or services that may be included. Thus, gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuel as part of the rental payment. The estimated costs of water and fuels are reported on a yearly basis but they are converted to monthly figures in the computation process.

The statistics on rent exclude onefamily houses on ten acres or more. Renter units occupied without payment of cash rent are shown separately as "no cash rent" in the rent tabulations.

Rent asked.—For vacant units, the rent is the amount asked for the unit at the time of enumeration. The data are for vacant year-round units for rent, excluding one-family houses on ten acres or more. In table 10, data are provided for two kinds of vacant-for-rent units—those for which the rent includes payment for all utilities and fuel, and those for which the rent includes only some or none of the utilities and fuel. See section on "Gross rent" above for discussion of utilities and fuel.

Value-income ratio.—The value-income ratio is computed by dividing the value

of the housing unit by the total income in 1969 of the family or primary individual. The ratio is presented for the same owner-occupied units for which value was tabulated; thus, the statistics on value-income ratio reflect the exclusion of certain owner-occupied units. The ratio was computed separately for each unit and was rounded to the nearest tenth. In reporting value, respondents were asked to select an appropriate class interval. The midpoints of the value intervals were used in the computation of the value-income ratio, except that a mean of \$3,500 was assigned for values less than \$5,000 and a mean of \$60,000 was assigned for values of \$50,000 or more. For income, the dollar amounts were used. Units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

Gross rent as percentage of income.-

The yearly gross rent (monthly gross rent multiplied by 12) is expressed as a percentage of the total income in 1969 of the family or primary individual. The percentage is presented for the same renter-occupied units for which gross rent was tabulated; thus, the statistics on gross rent as percentage of income reflect the exclusion of certain renter-occupied units. The percentage was computed separately for each unit and was rounded to the nearest whole number. For gross rent, the dollar amounts were used in the computation except that \$999 was assigned for monthly rentals of \$1,000 or more. For income, the dollar amounts were used. Units for which no cash rent is paid and units occupied by families or primary individuals who reported no income or a net loss comprise the category "not computed."

HOUSEHOLD CHARACTERISTICS

Head of household.—One person in each household is designated as the "head," that is, the person who is regarded as the head by the members of the household. However, if a married woman living with her husband is reported as the head, her husband was considered the head for the purpose of simplifying the tabulations.

Household composition.—Statistics by age of head are presented separately for two-or-more person households and for one-person households. Households having two or more persons are further subdivided as follows:

Male head, wife present, no nonrelatives.—Each household in this group consists of the head and his wife, and other persons, if any, all of whom are related to him.

Other male head.—This category includes households with male head, wife present, with non-relatives living with them; male heads who are married, but with wife absent because of separation or other reason where husband and wife maintain separate residences; and male heads who are widowed, divorced, or single.

Female head.—This group comprises households with female heads regardless of their marital status. Included are female heads with no spouse and female heads whose husbands are living away from their families, as for example, husbands in the Armed Forces living on military installations.

Households consisting of only one person are shown separately as "one-person households" and are not included in the subcategories "other male head" and "female head."

Nonrelative.—A nonrelative of the head is any person in the household who is not related to the head by blood, marriage, or adoption. Roomers, boarders, lodgers, partners, resident employees, wards, and foster children are included in this category.

Family or primary individual.— Housing units are occupied by either "families" or "primary individuals." The term "family" refers to the head of a household and all (one or more) other persons living in the same household who are related to the head by blood, marriage, or adoption. If the head lives alone or with nonrelatives only, then the head is considered a "primary individual."

Married couples related to the head of a family are included in the family and are not considered as separate families. A lodger, servant, or other person unrelated to the head is considered a member of the household but not of the family.

In the statistics on household composition, families are always included in one of the three major groups of two-or-more person households. Primary individuals with nonrelatives living with them are tabulated as "other male head" or "female head." Primary individuals living alone are always tabulated as "one-person households."

Income in 1969.—Income is the sum of the amounts reported for wage and salary income, net self-employment income, Social Security or railroad retirement income, public assistance or welfare income, and all other income. The figures represent the amount of income received before deductions for personal income taxes, Social Security, bond purchases, union dues, health insurance premiums, Medicare deductions, etc.

In this report, the statistics relate to the income of the family or primary individual occupying the housing unit; that is, the sum of the income of the head of the family and all other members of the family 14 years old and over or the income of the primary individual. Incomes of persons living in the unit but not related to the head of the household are not included in this sum. Although the income statistics cover the calendar year 1969, the characteristics of the household refer to the time of enumeration (April 1970). Thus, the income of the family does not include amounts received by persons who were members of the family during all or part of the calendar year 1969 if these persons no longer resided with the family at the time of the census. On the other hand. family income includes amounts reported by related persons who did not reside with the family during 1969 but who were members of the family at the time of enumeration. For most families, however, the income reported was received by persons who were members of the family throughout 1969.

Wage or salary income is defined as the total money earnings received for work performed as an employee at any time during the calendar year 1969. It includes wages, salary, pay from Armed Forces, commissions, tips, piece rate payments, and cash bonuses earned. Net self-employment income is defined as net money income (gross receipts minus operating expenses) received from a business, farm, professional enterprise, or partnership in which the person was engaged on his own account.

Social Security or railroad retirement income includes cash receipts of Social Security pensions, survivors' benefits, permanent disability insurance payments, and special benefit payments made by the Social Security Administration. Cash receipt of retire-

ment, disability, and survivors' benefit payments made by the U.S. Government under the Railroad Retirement Act are also included. Public assistance income includes cash receipts of payments made under the following public assistance programs: Aid to families with dependent children, old age assistance, general assistance, aid to the blind, and aid to the permanently and totally disabled. Separate payments received for hospital or other medical care are not included.

Income from all other sources includes money income received from sources such as interest; dividends; net income (or loss) from property rentals; net receipts from roomers or boarders; veteran's payments; public or private pensions; periodic receipts from insurance policies or annuities; unemployment insurance benefits; workmen's compensation cash benefits; net royalties; periodic payments from estates and trust funds; alimony or child support from persons who are not members of the household; net gambling gains; nonservice scholarships and fellowships; and money received for transportation and/or subsistence by persons participating in special governmental training programs, e.g., under the Manpower Development and Training Act.

Receipts from the following sources were not included as income: Money received from the sale of property (unless the recipient was engaged in the business of selling such property); the value of income "in kind" such as food produced and consumed in the home or free living quarters; withdrawal of bank deposits; money borrowed: tax refunds; exchange of money between relatives living in the same household; gifts and lump-sum inheritances, insurance payments, and other types of lump-sum receipts. (A more detailed discussion of income is given in the 1970 Population Census, PC(1)-C reports.)

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Questions on this page appeared on both the 15-percent and 5-percent questionnaires)

A. How many living quarters, occupied and vacant, are	H9. Are your living quarters—	FOR CENSUS
at this address?	1	ENUMERATOR'S USE
	Owned or being bought by you or by someone else	ONLY
O One	in this household? Do not include cooperatives and	L — — — — — — — — — — — — — — — — — — —
2 apartments or living quarters	condominiums here.	a4. Block a5. Serial
3 apartments or living quarters	A cooperative or condominium which is owned or being	number number
 4 apartments or living quarters 	bought by you or by someone else in this household?	N I
O 5 apartments or living quarters	O Rented for cash rent?	N 000000000
6 apartments or living quarters	O Occupied without payment of cash rent?	N 100010001
O 7 apartments or living quarters	- Coopies miner pryment of the coopies	200020002
		300030003
O 8 apartments or living quarters	H10a. Is this building a one-family house?	
O 9 apartments or living quarters	1—	400040004
O 10 or more apartments or living quarters	O Yes, a one-family house	
O This is a mobile home or trailer	 No, a building for 2 or more families 	K) ==
	or a mobile home or trailer	500050005
• 🛍		600060006
	b. If "Yes"— Is this house on a place of 10 acres or more,	N 700010001
Answer these questions for your living quarters	or is any part of this property used as a commercial	N 800080008
	establishment or medical office?	N 900090009
H1. Is there a telephone on which people in your living	O Yes, 10 acres or more	N
quarters can be called?		N I
l "	O Yes, commercial establishment or medical office	N
○ Yes → What is	O No, none of the above	B. Type of unit or quarters
O No the number?	-	N=
Phone number		Occupied Occupied
	H11. If you live in a one-family house which	O First form
H2. Do you enter your living quarters-	you own or are buying-	O Continuation
O Directly from the outside or through	What is the value of this property; that is, how much	N
a common or public hall?	do you think this property (house and lot) would sell for	Vacant
1	if it were for sale?	[4
O Through someone else's living quarters?		O Regular
	O Less than \$5,000 If this house	O Usual residence
112 B 1 121 (122 A	- \$5,000 to \$7,499 is on a place	elsewhere
H3. Do you have complete kitchen facilities?	O \$7,500 to \$9,999 of 10 acres or	
Complete kitchen facilities are a sink with piped	more, or if	Group quarters
water, a range or cook stove, and a refrigerator.	O \$10,000 to \$12,499 any part of	O First form
O Yes, for this household only	O \$12,500 to \$14,999 this property	O Continuation
	O \$15,000 to \$17,499 is used as a	N o continuation
O Yes, but also used by another household	O \$17,500 to \$19,999 commercial	For a vacant unit, also fill
No complete kitchen facilities for this household	establishment	
	_ \$20,000 to \$24,999 or medical	C, D, A, H2 to H8, and
114. How many rooms do you have in your living quarters?	O \$25,000 to \$34,999 office, do	H10 10 H12
Do not count bathrooms, porches, balconies, foyers,	O \$35,000 to \$49,999 not answer	Ν
	• \$50,000 or more this question.	N
halls, or half-rooms.	\$ \$50,000 of more	Ν
O 1 room O 6 rooms		Ν
○ 2 rooms ○ 7 rooms	H12. Answer this question if you pay rent for your living quarters.	C. Vacancy status
○ 3 rooms 📟 ○ 8 rooms		Year round—
C 4 rooms C 9 rooms or more	a. If rent is paid by the month—	K1 ——
○ 5 rooms	What is the monthly rent?	O For rent
1		O For sale only
	Write amount here00 (Nearest dollar)	O Rented or sold, not
H5. Is there hot and cold piped water in this building?	Write amount here	occupied
O Yes, hot and cold piped water in this building	and .	O Held for occasional use
O No, only cold piped water in this building	△ Less than \$30	Other vacant
No piped water in this building	Fill one circle \$30 to \$39	N C CUILL VACAIII
The present of the building		N o second
	○ \$40 to \$49	O Seasonal
H6. Do you have a flush toilet?	→ 〈 ○ \$50 to \$59	O Migratory
	○ \$60 to \$69	N
 Yes, for this household only 		N mm
 Yes, but also used by another household 	O \$70 to \$79	N
O No flush toilet	○ \$80 to \$89	D. Months vacant
	○ \$90 to \$99	Less than 1 month
	0 \$100 to \$110	O 1 up to 2 months
	O \$100 to \$119	L l
H7. Do you have a bathtub or shower?	O \$120 to \$149	O 2 up to 6 months
 Yes, for this household only 	O \$150 to \$199	O 6 up to 12 months
O Yes, but also used by another household	O \$200 to \$249	O 1 year up to 2 years
No bathtub or shower	O \$250 to \$299	O 2 years or more
O 140 partition of sugmet	O \$300 or more	N
	(0 \$300 01 111016	C/O O O
H8. Is there a basement in this building?	b. If rent is not paid by the month—	N^{-1}
O Yes	What is the rent, and what period of time does it cover?	N
· F	is the tent and short belief of time ones it colour.	N
No, built on a concrete slab		Ν
O No, built in another way (include mobile homes	\$.00 per	Ν
and stailers)		Ν.
	(Nearest dollar) (Week, half-month, year, etc.)	INI

APPENDIX B-Continued

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

H13. Answer question H13 if you pay rent for your living quarters.	H19. Do you get water from	
In addition to the rent entered in H12, do you also pay for— a. Electricity? Yes, average monthly cost is ON, included in rent Average monthly cost	 A public system (city water department, etc.) or private company? An individual well? Some other source (a spring, creek, river, cistern, etc.)? 	
No, included in rein No, electricity not used	H20. Is this building connected to a public sewer?	
b. Gas? Yes, average monthly cost is No, included in rent No, gas not used	Yes, connected to public sewer No, connected to septic tank or cesspool No, use other means	
c. Water? O Yes, yearly cost is \$.00 No, included in rent or no charge Yearly cost	H21. How many bathrooms do you have? A complete bathroom is a room with flush toilet, bathtub or shower, and wash basin with piped water.	
d. Oil, coal, kerosene, wood, etc.? O Yes, yearly cost is	A half bathroom has at least a flush toilet or bathtub or shower, but does not have all the facilities for a complete bathroom. No bathroom, or only a half bathroom	
O No, included in rent Yearly coss No, these fuels not used	O 1 complete bathroom	per
#14. How are your living quarters heated? Fill one circle for the kind of heat you use most. Steam or hot water system Central warm air furnace with ducts to the individual rooms, or central heat pump Built-in electric units (permanently installed in wall, ceiling, or haseboard)	1 complete bathroom, plus half bath(s) 2 complete bathrooms 2 complete bathrooms, plus half bath(s) 3 or more complete bathrooms H22. Do you have air-conditioning?) per
 Floor, wall, or pipeless furnace Room heaters with flue or vent, burning gas, oil, or kerosene Room heaters without flue or vent, burning gas, oil, or kerosene (not portable) 	Yes, 1 individual room unit Yes, 2 or more individual room units Yes, a central air-conditioning system No	
O Fireplaces, stoves, or portable room heaters of any kind I a compare the same of the s	H23. How many passenger automobiles are owned or regularly used by members of your household?	
In some other way— Describe ———— None, unit has no heating equipment	Count company cars kept at home.	
H15. About when was this building originally built? Mark when the building was first constructed, not when it was remodeled, added to, or converted. 1969 or 1970 1965 to 1968 1940 to 1949 1939 or earlier	None 1 automobile 2 automobiles 3 automobiles or more	
H16. Which best describes this building?	-	
Include all apartments, flats, etc., even if vacant. A one-family house detached from any other house A one-family house attached to one or more houses A building for 2 families A building for 3 or 4 families A building for 5 to 9 families		
O A building for 10 to 19 families O A building for 20 to 49 families O A building for 50 or more families O A public home a staller		
O A mobile home or trailer Other— Describe		
H17. Is this building— On a city or suburban lot?— Skip to H19 On a place of less than 10 acres? On a place of 10 acres or more?	1	
H18. Last year, 1969, did sales of crops, livestock, and other farm products from this place amount to— O Less than \$50 (or None) \$2,500 to \$4,999 O \$50 to \$249 O \$5,000 to \$9,999		

FACSIMILES OF THE HOUSING PAGES IN THE 1970 CENSUS QUESTIONNAIRES (Percent indicates sample size)

	H13. Answer question H13 if you pay rent for your living quarters.	H24a. How many stories (floors) are in this building?	•
	in addition to the rest entered in H12, do you also pay for—	O 1 to 3 stories	
	a. Electricity?	O 4 to 6 stories	}
į	· •	7 to 12 stories	
ľ	 ○ Yes, average monthly cost is00 ○ No, included in rent	O 13 stories or more	
	O No, electricity not used	b. 1/4 or more stories—	
	C/ No, electricity not used	Is there a passenger elevator in this building?	
1	b. Gas?	O Yes O No	
	○ Yes, average monthly cost is → .00		ı
1	No, included in rent Average monthly cost	H25a. Which fuel is used most for cooking?	1
	O No, gas not used	(From underground pipes	i
		Gas serving the neighborhood, O Coal or coke O	1
	c. Water?	(Bottled, tank, or LP ○ Wood ○	1
l l	O Yes, yearly cost is	Electricity O Other fuel O	1
1	O No, included in rent or no charge Yearly cost	Fuel oil, kerosene, etc O No fuel used O	
	d. Oil, coal, kerosene, wood, etc.?		
l l	O Yes, yearly cost is \$.00	b. Which fuel is used most for house heating?	1
1	O No, included in rent Yearly cost	From underground pipes	
1	O No, these fuels not used	Gas serving the neighborhood. O Coal or coke O	
Į.		Bottled, tank, or LP O Wood O	Ļ
1	H14. How are your living quarters heated?	Electricity O Other fuel O	
	Fill one circle for the kind of heat you use most.	Fuel oil, kerosene, etc 🗅 No fuel used 🔾	
1	O Steam or hot water system		
	Central warm air furnace with ducts to the individual	c. Which fuel is used most for water heating?	
1	rooms, or central heat pump	From underground pipes	
l	O Built-in electric units (permanently installed in wall, ceiling.	Gas serving the neighborhood. ○ Coal or coke ○	
1	or baseboard)	Bottled, tank, or LP O Wood O	
1		Electricity O Other fuel O	
	O Floor, wall, or pipeless furnace	Fuel oil, kerosene, etc O No fuel used O	į
	Room heaters <u>with</u> flue or vent, burning gas, oil, or kerosene Room heaters <u>without</u> flue or vent, burning gas, oil, or	H26. How many bedrooms do you have?	
	kerosene (not portable)	Count rooms used mainly for sleeping even if used also for other purposes.	1
15 and 5	` '	O No bedroom O 3 bedrooms	1
	Fireplaces, stoves, or portable room heaters of any kind	O 1 bedroom O 4 bedrooms	م م
percent	In some other way—Describe———	O 2 bedrooms O 5 bedrooms or more) P
	*		1
	None, unit has no heating equipment	H27a. Do you have a clothes washing machine?	1
	H15. About when was this building originally built? Mark when the building	O Yes, automatic or semi-automatic	
	was first constructed, not when it was remodeled, added to, or converted.	O Yes, wringer or separate spinner	1
	1	○ No	1
	1 0 1969 or 1970 0 1950 to 1959 0 1965 to 1968 0 1940 to 1949	b. Do you have a clothes dryer?	
	1960 to 1964 1939 or earlier	O Yes, electrically heated	1
	1333 01 23 110	Yes, gas heated	
	H16. Which best describes this building?	O No	
	Include all apartments, flats, etc., even if vacant.		
	A one-family house detached from any other house	c. Do you have a dishwasher (built-in or portable)?	
	A one-family house attached to one or more houses	○ Yes ○ No	
	A building for 2 families	d Down how to did down which is accounte from your refrigerator?	
	A building for 3 or 4 families	d. Do you have a home food freezer which is separate from your refrigerator?	1
	A building for 5 to 9 families	O Yes O No	
	A building for 1C to 19 families	H28a. Do you have a television set? Count only sets in working order.	1
	A building for 20 to 49 families	O Yes, one set	
	A building for 50 or more families	Yes, two or more sets	
	A mobile home or trailer	O No	
	Othor		
	Other Describe	b. If "Yes"— Is any set equipped to receive UHF broadcasts,	
	Describe H17. Is this building—	that is, channels 14 to 83?	
		○ Yes ○ No	
	On a city or suburban lot?— Skip to H24	UAA Barra barra barra andra	
	On a place of less than 10 acres?	H29. Do you have a battery-operated radio?	
	On a place of 10 acres or more?	Count car tadios, transistors, and other battery-operated sets in working order or needing only a new battery for operation.	1
	H18. Last year, 1969, did sales of crops, livestock, and other farm products	- '	
	from this place amount to—	O Yes, one or more O No	
	O Less than \$50 (or None) \$2,500 to \$4,999	H30. Do you (or any member of your household) own a second home or other	
	○ \$50 to \$249 ○ \$5,000 to \$9,999	living quarters which you occupy sometime during the year?	П
Į	○ \$250 to \$2,499	O Yes O No	

5 ercent

FACSIMILE OF THE RESPONDENT INSTRUCTIONS FOR THE HOUSING QUESTIONS IN THE 1970 CENSUS

If you live in an apartment building and you do not know the answers to questions H14, H15, H16, and H25, ask the person who runs your building (for example, the manager, rental agent, superintendent, janitor, etc.).

- A. Mark only one circle. This address means the house or building number where your living quarters are located.
- H1. Mark Yes and enter telephone number, even if the telephone is in another apartment or building.
- H2. Mark the second circle only if you must go through someone else's living quarters to get to your own.
- H3. The kitchen sink, stove, and refrigerator do not have to be in the same room.
 - Also used by another household means that someone else who lives in the same building, but is not a member of your household, also uses the equipment. Mark this circle also if the occupants of living quarters now vacant would also use the equipment.
- H4. Count only whole rooms used for living purposes, such as living rooms, dining rooms, kitchens, bedrooms, finished recreation rooms, family rooms, etc. Do not count kitchenettes, strip or pullman kitchens; utility rooms; or unfinished attics, basements, or other space used for storage.
- H5. Mark hot water even if you have it only part of the time.
- H6, H7. See instructions for H3 for meaning of Also used by another household.
- H8. A house has a basement if there is enclosed space in which persons can walk upright under all or part of the building. A house on a concrete slab has no basement and no air or crawl space below it. A house built in another way is one directly on the ground or resting on a foundation or posts to provide crawl space.
- H9. Owned or being bought means that the living quarters are owned outright or are mortgaged. Also mark Owned or being bought if the living quarters are owned but the land is rented.

Mark Rented for cash rent if any money rent is paid. Rent may be paid by persons who are not members of your household.

Occupied without payment of cash rent includes, for example, a parsonage, a house or apartment provided free of rent by the owner, or a house or apartment occupied by a janitor or caretaker in exchange for services.

- H10. A commercial establishment is easily recognized from the outside; for example, a grocery store or barber shop. A medical office is a doctor's or dentist's office regularly visited by patients. If your house is on a place of 10 acres or more and also contains a commercial establishment or medical office, mark Yes, 10 acres or more.
- H11. Include the value of the house, the land it is on, and any other structures on the same property. If the house is owned but the land is rented, estimate the combined value of the house and the land.
- H12. Report the rent agreed to or contracted for, even if the furnishings, utilities, or services are included.
 - If you pay rent by the month, write in the amount of rent and fill one circle.
 - b. If rent is not paid by the month, answer both parts of b. For example, \$20 per week, \$1,500 per year, etc.
- #13. If exact costs are not known, estimate as closely as possible. Report amounts even if bills are unpaid or are paid by someone else. If the bills include utilities or fuel used also by another apartment or a business establishment, estimate the amounts for your own living quarters. If gas and electricity are billed together, enter the combined amount on the electricity line and bracket ({ }) the two utilities.

- H14. This question refers to the type of heating equipment and not to the fuel used.
 - A heat pump is sometimes known as a reverse cycle system.
 - A floor, wall, or pipeless furnace delivers warm air to the room right above the furnace or to the room(s) on one or both sides of the wall in which the furnace is installed. These furnaces do not have ducts leading to other rooms.
 - Any heater that you plug into an electric outlet should be counted as a portable room heater—not a built-in electric unit.
- H16. Count all occupied and vacant living quarters in the house or building, but not stores or office space.
 - Detached means there is open space on all sides, or the house is joined only to a shed or garage. Attached means that the house is joined to another house or building by at least one wall which goes from ground to roof.
- H17. A city or suburban lot is usually located in a city, a community, or any built-up area outside a city or community, and is not larger than the house and yard. All living quarters in apartment buildings, including garden-type apartments in the city or suburbs, are considered on a city or suburban lot.
 - A place is a farm, ranch, or any other property, other than a city or suburban lot, on which this residence is located.
- H18. Fill the circle for the total (gross) amount of money received from the sales of crops, livestock, and other farm products produced on this place during the calendar year 1969.
- H19. If a well provides water for six or more houses or apartments, mark a public system. If a well provides water for five or fewer houses or apartments, mark an individual well.
- H20. A public sewer is operated by a government body or a private organization. A septic tank or cesspool is an underground tank or pit used for disposal of sewage.
- H22. Count only equipment with a refrigeration unit to cool the air. Mark an individual room unit for air conditioners which are installed in a window or in an outside wall and are used to cool one or more rooms. Mark a central system for a central installation which cools the entire house or apartment.
- H23. Do not count cars permanently out of working order. Also do not count taxicabs, pickups, or larger trucks.
- H24a. Do not count a basement as a story.
 - b. Do not count elevators used only for freight.
- H25. Gas from underground pipes is piped in from a central system such as a public utility company or a municipal government. Bottled, tank, or LP gas is stored in tanks which are refilled or exchanged when empty. Other fuel includes any fuel not separately listed, for example, purchased steam, fuel briquettes, waste material, etc.
- H27. Mark the Yes circle whether you own the appliance or it is provided as part of the equipment in your living quarters. Do not count coin-operated equipment or appliances in storage.
- H28. Count any set equipped to receive UHF (ultra high frequency) broadcasts, even if there are no such broadcasts in your area. Include sets that can be tuned directly to channels 14 to 83 and sets that receive UHF broadcasts by means of a converter. Also include sets that receive UHF broadcasts through a community antenna (CATV) or master antenna.
- H29. A battery-operated radio is one that can be run on batteries and does not need to be plugged into an electric socket. Include battery-operated sets owned by any member of the household.
- H30. Do not count vacation trailers, tents, or boats. Also do not count second homes used only for investment purposes.

SOURCES OF ERROR	App-14
EDITING OF UNACCEPTABLE	
DATA	• •
SAMPLE DESIGN	App-14
RATIO ESTIMATION	App-18
SAMPLING VARIABILITY	App-16

SOURCES OF ERROR

Human and mechanical errors occur in any mass statistical operation such as a decennial census. Errors during the data collection phase can include failure to obtain required information from respondents, obtaining incorrect or inconsistent information, and recording information in the wrong place or incorrectly. Errors can also occur during the field review of the enumerator's work, the clerical handling of the questionnaires, the manual editing and coding operations, and the various stages of the electronic processing of the material. Careful efforts are made in every census to keep the errors in each step at an acceptably low level. Quality control and check measures are utilized throughout the census operation. As was done for the 1950 and 1960 censuses, evaluative material on many aspects of the 1970 census will be published as soon as the appropriate data are accumulated and analyzed. A major concern in the evaluation work is to ascertain, insofar as possible, the degree of completeness of the count of both population and housing units.

EDITING OF UNACCEPTABLE DATA

The objective of the processing operation is to produce a set of statistics that describes the Nation's housing as accurately and clearly as possible. To meet this objective, certain unacceptable entries were edited.

Whenever information was missing, an allocation procedure was used to assign an entry, thereby eliminating the need for a "not reported" category in the tabulations. The assignment was based on related information reported for the housing unit or on information reported for a similar unit in the immediate neighborhood. For example, if tenure for an occupied unit was omitted but a rental amount was reported, the computer automatically edited tenure to "rented for cash rent." On the other hand, if the unit was reported as rented but the amount of rent was missing, the computer automatically assigned the rent that was reported for the preceding renteroccupied unit.

A similar procedure was used when the information reported for an item was inconsistent with other information reported for the unit. For example, if a housing unit was enumerated as having no piped water but having both a bathtub (or shower) and flush toilet for the exclusive use of the occupants of the unit, the computer edited water supply to "hot and cold water," a category considered to be consistent with the reported bathing and toilet facilities.

Specific tolerances were established for the number of computer allocations that would be permitted. If the number of corrections was beyond tolerance, the questionnaires in which the errors occurred were clerically reviewed. If it was found that the errors resulted from damaged questionnaires, from improper microfilming, from faulty reading by FOSDIC of undamaged questionnaires, or from other types of machine failure, the questionnaires were reprocessed.

The extent of allocations for non-responses and inconsistencies is given

for SMSA's and places in the allocation tables in the 1970 Population Census PC(1)-B and PC(1)-C reports, and in the Housing Census HC(1)-A and HC(1)-B reports.

SAMPLE DESIGN

For sample data collected in the 1970 census, the housing unit, including all its occupants, was the sampling unit; for persons in group quarters identified in advance of the census, it was the person. In non-mail areas, the enumerator canvassed his assigned area and listed all housing units in an address register sequentially in the order in which he first visited the units; whether or not he completed the interview. Every fifth line of the address register was designated as a sample line, and the housing units listed on these lines were included in the sample. Each enumerator was given a random line on which he was to start listing and the order of canvassing was indicated in advance. although the instructions allowed some latitude in the order of visiting addresses. In mail areas, the list of housing units was prepared prior to Census Day either by employing commercial mailing lists corrected through the cooperation of the post office or by listing the units in a process similar to that used in non-mail areas. As in other areas, every fifth housing unit on these lists was designated to be in the sample. In group quarters, all persons were listed and every fifth person was selected for the sample; as indicated in Appendix B, information on the housing characteristics of group quarters was not collected in the census.

This 20-percent sample was subdivided into a 15-percent and a 5percent sample by designating every fourth 20-percent sample unit as a member of the 5-percent sample. The remaining sample units became the 15-percent sample. Two types of sample questionnaires were used, one for the 5-percent and one for the 15-percent sample units. Some questions were included on both the 5-percent and 15-percent sample forms and therefore appear for a sample of 20 percent of the units in the census. Other items appeared on either the 15-percent or the 5-percent questionnaires. The sample rates for the various items appearing in this report are shown in table A.

Although the sampling procedure did not automatically insure an exact 20-percent sample of persons or housing units in each locality, the sample design was unbiased if carried through according to instructions; generally for larger areas the deviation from 20 percent was found to be quite small. Biases may have arisen, however, when the enumerator failed to follow his listing and sampling instructions exactly. Quality control procedures were used throughout the census process, and where there was clear evidence that the sampling proce-

TABLE A. Sample Rate for Subjects Included in This Report

Subject	Sample rate (percent)	Subject	Sample rate percent)
OCCUPANCY CHARACTERISTICS Occupied housing units Tenure Race Spanish heritage Year moved into unit	20 20 15	EQUIPMENT AND APPLIANCES Heating equipment Air conditioning Automobiles available Second home Clothes washing machine Clothes dryer	. 15 . 15 . 5
VACANCY CHARACTERISTICS Vacant for sale	20	Dishwasher	
UTILIZATION CHARACTERISTICS Number of rooms Size of household (persons) Persons per room 8edrooms	20 20 20 20	Value	. 20 . 20 . 20
PLUMBING CHARACTERISTICS Plumbing facilities	20 15	Gross rent as percentage of income	
STRUCTURAL CHARACTERISTIC Complete kitchen facilities Access Units in structure Mobile home or trailer Year structure built Elevator in structure	20 20 20 20 20 20	HOUSEHOLD CHARACTERISTICS Household composition Income	. 20

dures were not properly followed. some enumerators' assignments were returned to the field for resampling. Estimates for the United States as a whole indicate that 19.6 percent of the total population and 19.7 percent of the total housing units were enumerated on sample questionnaires. The computation of these proportions excluded several classes of the population and housing units for which no attempt at sampling was made. These were the relatively small numbers of persons and housing units (in most States, less than one percent) added to the enumeration from the post-census post office check, the various supplemental forms, and the special check of vacant units. However, the ratio estimation procedure described below adjusts the sample data to reflect these classes of population and housing units.

RATIO ESTIMATION

The statistics based on 1970 census sample data are estimates made through the use of ratio estimation procedures which were applied separately for the 5-, 15-, and 20-percent samples. The first step in carrying through the ratio estimates was to establish the areas within which separate ratios were to be prepared. These are referred to as "weighting areas." For the 15- and 20-percent samples the weighting areas contained a minimum population size of 2,500. The weighting areas used for the 5-percent ratio estimate were larger areas having a minimum population size of 25,000 and comprising combinations of the weighting areas used for the 15- and 20-percent samples. Weighting areas were established by a mechanical operation on the computer and were defined to conform, as nearly as possible, to areas for which tabulations are produced. Where these areas do not agree (primarily for smaller areas), there may be some differences between complete counts and sample estimates.

The ratio estimation process operated in two stages for occupied housing units, and in one stage for vacant units. The first stage for occupied units employed 18 householdtype groups (the first of which was empty by definition); the second stage for occupied units used four groups: owner- and renter-occupied units, by race. The single stage for vacant units employed three groups: year-round vacant for sale, year-round vacant for rent, and other vacant.

Group

Occupied housing units:

	STAGE I
	Male Head With Own Children Under 18
1	1-person household
2	2-person household
3	3-person household
•	•
•	•
6	6-or-more-person house- hold
7-12	Male Head Without Own Children Under 18 1-person to 6-or-more- person households
13-18	Female Head 1-person to 6-or-more- person households
	STAGE II
	Owner Occupied
19	Negro
20	Not Negro
21	Renter Occupied Negro

Not Negro

Vacant housing units:

23	Year-round vacant for sale
24	Year-round vacant for rent
25	Other vacant

At each stage, for each of the occupied housing groups, the ratio of the complete count to the weighted sample count of the housing units in the group was computed and applied to the weight of each sample unit in the group. This operation was performed for each of the 18 groups in the first stage, then for the four groups in the second stage. As a rule, the weighted sample counts within each of the 4 groups in the second stage for occupied units should agree with the complete counts for the weighting areas (close, although not exact consistency can be expected for the 18 groups in the first stage). Similarly, the weighted sample counts within each of the 3 groups in the single stage for vacant housing units should agree with the complete counts for the weighting

There are some exceptions to this general rule, however. As indicated above, there may be differences between the complete counts and sample estimates when the tabulation area is not made up of whole weighting areas. Furthermore, in order to increase the reliability, a separate ratio was not computed in a group whenever certain criteria pertaining to the complete count of housing units and the magnitude of the weight were not met. For example, for the 20-percent sample the complete count of units in a group had to exceed 70 units and the ratio of the complete count to the unweighted sample count could not exceed 20. Where these criteria were not met, groups were combined in a specific order until the conditions were met. Where this occurred, consistency between the weighted sample and the complete counts would apply as indicated above for the combined group but not necessarily for each of the groups in the combination.

Each sample housing unit was assigned an integral weight to avoid the complications involved in rounding in the final tables. If, for example, the final weight for a group was 5.2, one-fifth of the units in the group (selected at random) were assigned a weight of 6 and the remaining fourfifths a weight of 5.

The estimates realize some of the gains in sampling efficiency that would have resulted had the population been stratified into the groups before sampling. The net effect is a reduction in both the sampling error and possible bias of most statistics below what would be obtained by weighting the results of the sample by a uniform factor (e.g., by weighting the 20percent sample results by a uniform factor of 5). The reduction in sampling error will be trivial for some items and substantial for others. A by-product of this estimation procedure is that estimates for this sample are, in general, consistent with the complete count for the housing unit groups used in the estimation procedure. A more complete discussion of the technical aspects of these ratio estimates will be presented in a separate report.

SAMPLING VARIABILITY

The estimates from the 20-, 15-, and 5-percent sample tabulations are subject to sampling variability. The standard errors of these estimates can be approximated by using the data in tables B through D. The chances are about 2 out of 3 that the difference (due to sampling variability) between the sample estimate and the figure that would have been obtained from a

complete count is less than the standard error. The chances are about 19 out of 20 that the difference is less than twice the standard error and about 99 out of 100 that it is less than 2½ times the standard error. The amount by which the estimated standard error must be multiplied to obtain other odds deemed more appropriate can be found in most statistical textbooks. The sampling errors may be obtained by using the factors shown in table D in conjunction with table B for absolute numbers and in conjunction with table C for percentages. These tables reflect the effect of simple response variance, but not of bias arising in the collection, processing and estimation steps nor of the correlated errors enumerators introduce; estimates of the magnitude of some of these factors in the total error are being evaluated and will be published at a later date.

Table B shows approximate standard errors of estimated numbers for most statistics based on the 20-percent sample. In determining the figures for this table, some aspects of the sample design, the estimation process, and the size of the area over which the data have been compiled are ignored. Table C shows standard errors of most percentages based on the 20-percent sample. Linear interpolation in tables B and C will provide approximate results that are satisfactory for most purposes. Table D provides a factor by which the standard errors shown in tables B or C should be multiplied to adjust for the effect of the sample size (i.e., whether a 15-percent or 5-percent sample) and the effect of the estimation procedure.

To estimate the standard error for a given characteristic, locate the factor in table D for the appropriate characteristic and the sample size used to tabulate the data, and multiply this

factor by the standard error found in table B or C. Where data are shown as cross-classifications of two characteristics, locate and use the larger factor. Similarly, if an item, although collected on one sample basis, has been tabulated for a smaller sample, use the factor appropriate for the smaller sample.

The standard errors estimated from these tables are not directly applicable to differences between two sample estimates. In order to estimate the standard error of a difference, the tables are to be used somewhat differently in the three following situations:

- 1. For a difference between the sample figure and one based on a complete count (e.g., arising from comparisons between sample statistics for 1970 and complete-count statistics for 1960 or 1950), the standard error is identical with the standard error of the 1970 estimate alone.
- 2. For a difference between two sample figures (that is, one from 1970 and the other from 1960, or both from the same census year), the standard error is approximately the square root of the sum of the squares of the standard errors of each estimate considered separately. This formula will represent the actual standard error quite accurately for the difference between estimates of the same characteristics in two different areas, or for the difference between separate and uncorrelated characteristics in the same area. If, however, there is a high positive correlation between the two characteristics, the formula will overestimate the true standard error. The approximate standard error for the 1970 sample figure is derived directly from tables B

- through D. The standard error of a 1960 sample figure may be obtained from the relevant 1960 census report.
- For a difference between two sample estimates, one of which represents a subclass of the other, the tables can be used directly with the difference considered as the sample estimate.

The sampling variability of the medians presented in certain tables (median rooms, median value, median gross rent, etc.) depends on the size of the base and on the distribution on which the median is based. An approximate method for measuring the reliability of an estimated median is to determine an interval about the estimated median such that there is a stated degree of confidence the true median lies within the interval. As the first step in estimating the upper and lower limits of the interval (that is, the confidence limits) about the median, compute one-half the number on which the median is based (designated N/2). From table B, following the method outlined in other parts of this section, compute the standard error of an estimated number equal to N/2. Subtract this standard error from N/2. Cumulate the frequencies (in the table on which the median is based) until the total first exceeds the difference between N/2 and its standard error, and by linear interpolation obtain a value corresponding to this number. In a corresponding manner, add the standard error to N/2, cumulate the frequencies in the table, and obtain a value in the table on which the median is based corresponding to the sum of N/2 and its standard error.

The chances are about 2 out of 3 that the median would lie between these two values. The range for 19 chances out of 20 and for 99 in 100

can be computed in a similar manner by multiplying the standard error by the appropriate factors before subtracting from and adding to one-half the number reporting the characteristics. Interpolation to obtain the values corresponding to these numbers gives the confidence limits for the median.

TABLE B. Approximate Standard Error of Estimated Number Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated			ts in area ²				
number ¹	10,000	25,000	100,000	250,000	1,000,000	2,500,000	4,000,000
50	15	15	15	15	15	15	15
100	20	20	20	20	20	20	20
250	30	30	30	30	30	30	30
500	45	45	45	45	45	45	45
1,000	60	60	65	65	65	65	65
2,500	90	95	100	100	100	100	100
5,000	100	130	140	140	140	140	140
10,000		150	190	200	200	200	200
15,000		150	230	240	240	240	240
25,000			270	300	310	310	320
50,000			320	400	440	440	440
75,000			270	450	520	540	540
100,000		***		490	600	620	630

¹ For estimated numbers larger than 100,000, the relative errors are somewhat smaller than for 100,000.

TABLE C. Approximate Standard Error of Estimated Percentage Based on 20-Percent Sample

(Range of 2 chances out of 3; for factors to be applied see table D and text)

Estimated	Base of percentage								
percentage	500	1,000	2,500	10,000	25,000	100,000	250,000		
2 or 98	1.3	0.9	0.6	0.3	0.2	0.1	0.1		
or 95	2.0	1.4	0.9	0.4	0.3	0.1	0.1		
0 or 90	2.7	1.9	1.2	0.6	0.4	0.2	0.1		
5 or 75	3.9	2.7	1.7	0.9	0.5	0.3	0,2		
0	4.5	3.2	2.0	1.0	0.6	0.3	0.2		

²An area is the smallest complete geographic area to which the estimate under consideration pertains. Thus, the area may be the standard metropolitan statistical area or the place. Housing units with Negro heads of household or Spanish heritage heads of household do not represent complete areas.

TABLE D. Factor to be Applied to Standard Errors

	Factor if sample rate is—				Factor if sample rate is—		
Characteristic ¹	20 percent	1 '- 1		Characteristic ¹	20 percent	15 percent	5 percent
OCCUPANCY AND VACANCY CHARACTERISTICS				EQUIPMENT, FUELS, AND APPLIANCES			
Year moved into unit		1.1		Heating equipment	0.8	0.9	
Duration of vacancy	8.0		1.7	Air conditioning	j	1.1	
		'	!	Automobiles available		1.0	
UTILIZATION CHARACTERISTICS		· '	1	Appliances			1.9
Rooms	1.0	1.1	2.1			1	i
Size of household (persons)	0.5	0.6	1.2	FINANCIAL CHARACTERISTICS		ĺ	1
Persons per room	0.4	0.5	0.9	Value	1.0	1.1	2.1
Bedrooms			2.1	Value-income ratio	1.0	1.2	
		f '		Gross rent	0.9	1.1	2.1
PLUMBING CHARACTERISTICS		'		Gross rent as percentage of income	1.0	1.2	
Complete bathrooms		1.1		Sales price asked	1.1		2.5
Plumbing facilities	1.0			Rent asked	1.1		2.5
STRUCTURAL CHARACTERISTICS				HOUSEHOLD CHARACTERISTICS			
Units in structure	8.0	0.9	1.7	Household composition	0.6	0.7	
Year structure built	0.9	1.0		Income in 1969	1.0	1.2	2.3
		[ALLOTHERS	1.0	1.2	2.2

¹Tabulations of housing data for households with heads of Spanish heritage are based on the 15-percent sample. For characteristics of households with heads of Spanish heritage (tables 19 to 26), use the factors given for the 15-percent sample.

NOTE: In this report an item collected for the 20-percent sample may be cross-tabulated with other items based on the 15-percent or 5-percent samples. In such cases, locate the factor for both items in Table D for the smaller sample size. Use the larger of the two factors. For example, in Table 9, duration of vacancy (a 20-percent item) is cross-tabulated by number of bedrooms (a 5-percent item). The factor for duration of vacancy based on a 5-percent sample is 1.7 and for bedrooms it is 2.1. The factor of 2.1 should be used to adjust the standard errors since it is the larger of the two factors based on the 5-percent sample.

Appendix D.—PUBLICATION AND COMPUTER SUMMARY TAPE PROGRAM

The results of the 1970 Census of Population and Housing are being issued in the form of printed reports, microfiche copies of the printed reports, computer summary tapes, computer printouts, and microfilm. Listed below are short descriptions of the final report series and computer tapes, as currently planned. More detailed information on this program can be obtained by writing to the Publications Distribution Section, Bureau of the Census, Washington, D.C. 20233.

Housing Census Reports

Volume I. HOUSING CHARACTERISTICS FOR STATES, CITIES, AND COUNTIES

This volume will consist of 58 "parts"—number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain two chapters designated as A and B. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in two series designated as HC(1)-A and B, respectively.

Series HC(1)-A. GENERAL HOUSING CHARACTERISTICS

Statistics on tenure, kitchen facilities, plumbing facilities, number of rooms, persons per room, units in structure, mobile home, telephone, value, contract rent, and vacancy status are presented for some or all of the following areas: States (by urban and rural residence), standard metropolitan statistical areas (SMSA's), urbanized areas, places of 1,000 inhabitants or more, and counties.

Series HC(1)-B. DETAILED HOUSING CHARACTERISTICS

Statistics are presented on a more detailed basis for the subjects included in the Series HC(1)-A reports, as well as on such additional subjects as year moved into unit, year structure built, basement, heating equipment, fuels, air conditioning, water and sewage, appliances, gross rent, and ownership of second home. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, urbanized areas, places of 2,500 inhabitants or more, and counties (by rural and rural-farm residence).

Volume II. METROPOLITAN HOUSING CHARACTERISTICS

These reports, also designated as Series HC(2), cover most of the 1970 census housing subjects in considerable detail and cross-classification. There is one report for each SMSA, presenting data for the SMSA and its central cities and places of 50,000 inhabitants or more, as well as a national summary report.

Volume III. BLOCK STATISTICS

One report, under the designation Series HC(3), is issued for each urbanized area showing data for individual blocks on selected housing and population subjects. The series also includes reports for the communities outside urbanized areas which have contracted with the Census Bureau to provide block statistics from the 1970 census.

Volume IV.

COMPONENTS OF INVENTORY CHANGE

This volume will contain data on the disposition of the 1960 inventory and the source of the 1970 inventory, such as new construction, conversions, mergers, demolitions, and other additions and losses. Crosstabulations of 1970 and 1960 characteristics for units that have not changed and characteristics of the present and previous residence of recent movers will also be provided. Statistics will be shown for 15 selected SMSA's and for the United States and regions.

Volume V. RESIDENTIAL FINANCE

This volume will present data regarding the financing of privately owned nonfarm residential properties. Statistics will be shown on amount of outstanding mortgage debt, manner of acquisition of property, homeowner expenses, and other owner, property, and mortgage characteristics for the United States and regions.

Volume VI. ESTIMATES OF "SUBSTANDARD" HOUSING

This volume will present counts of "substandard" housing units for counties and cities, based on the number of units lacking plumbing facilities combined with estimates of units with all plumbing facilities but in "dilapidated" condition.

Volume VII. SUBJECT REPORTS

Each report in this volume will concentrate on a particular subject. Detailed information and cross-classifications will generally be provided on a national level; in some reports, data for States or SMSA's may also be shown. Among the subjects to be covered are housing characteristics by household composition, housing of minority groups and senior citizens, and households in mobile homes.

Population Census Reports

Volume I. CHARACTERISTICS OF THE POPULATION

This volume will consist of 58 "parts"number 1 for the United States, numbers 2 through 52 for the 50 States and the District of Columbia in alphabetical order, and numbers 53 through 58 for Puerto Rico, Guam, Virgin Islands, American Samoa, Canal Zone, and Trust Territory of the Pacific Islands, respectively. Each part, which will be a separate clothbound book, will contain four chapters designated as A, B, C, and D. Each chapter (for each of the 58 areas) will first be issued as an individual paperbound report in four series designated as PC(1)-A, B, C, and D, respectively. The 58 PC(1)-A reports will be specially assembled and issued in a clothbound book, designated as Part A.

Series PC(1)-A. NUMBER OF INHABITANTS.

Final official population counts are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, all incorporated places, and unincorporated places of 1,000 inhabitants or more.

Series PC(1)-B. GENERAL POPULATION CHARACTERISTICS

Statistics on age, sex, race, marital status, and relationship to head of household are presented for States, counties by urban and rural residence, SMSA's, urbanized areas, county subdivisions, and places of 1,000 inhabitants or more.

Series PC(1)-C. GENERAL SOCIAL AND ECONOMIC CHARACTERISTICS

Statistics are presented on nativity and parentage, State or country of birth, Spanish origin, mother tongue, residence 5 years ago, year moved into present house, school enrollment (public or private), years of school completed, vocational training, number of children ever born, family composition, disability, veteran status, employment status, place of work, means of transportation to work, occupation group, industry group, class of worker, and income (by type) in 1969 of families and individuals. Each subject is shown for some or all of the following areas: States, counties (by urban, rural-nonfarm, and rural-farm residence), SMSA's urbanized areas, and places of 2,500 inhabitants or more.

■ Series PC(1)-D.

DETAILED CHARACTERISTICS

These reports cover most of the subjects shown in Series PC(1)-C, above, presenting the data in considerable detail and crossclassified by age, race, and other characteristics. Each subject is shown for some or all of the following areas: States (by urban, rural-nonfarm, and rural-farm residence), SMSA's, and large cities.

Volume II. SUBJECT REPORTS

Each report in this volume, also designated as Series PC(2), will concentrate on a particular subject. Detailed information and cross-relationships will generally be provided on a national and regional level; in some reports, data for States or SMSA's will also be shown. Among the characteristics to be covered are national origin and race, fertility, families, marital status, migration, education, unemployment, occupation, industry, and income.

Joint Population-Housing Reports

Series PHC(1).

CENSUS TRACT REPORTS

This series contains one report for each SMSA, showing data for most of the population and housing subjects included in the 1970 census.

Series PHC(2).

GENERAL DEMOGRAPHIC TRENDS FOR METROPOLITAN AREAS, 1960 TO 1970

This series consists of one report for each State and the District of Columbia, as well as a national summary report, presenting statistics for the State and for SMSA's and their central cities and constituent counties. Comparative 1960 and 1970 data are shown on population counts by age and race and on such housing subjects as tenure, plumbing facilities, value, and contract rent.

Series PHC(3).

EMPLOYMENT PROFILES OF SELECTED LOW-INCOME AREAS

This series consists of approximately 70 reports, each presenting statistics on the social and economic characteristics of the residents of a particular low-income area. The data relate to low-income neighborhoods in 51 cities and seven rural proverty areas. Each report provides statistics on employment and unemployment, education, vocational training, availability for work,

job history, and income, as well as on value or rent and number of rooms in the housing unit.

Additional Reports

Series PHC(E).

EVALUATION REPORTS

This open series will present the results of the extensive evaluation program conducted as an integral part of the 1970 census program, and relating to such matters as completeness of enumeration and quality of the data on characteristics.

Series PHC(R).

PROCEDURAL REPORTS

This open series presents information on various administrative and methodological aspects of the 1970 census, and will include a comprehensive procedural history of the 1970 census. The first report issued focuses on the forms and procedures used in the data collection phase of the census.

Computer Summary Tapes

The major portion of the results of the 1970 census is produced in a set of six tabulation counts. To help meet the needs of census users, these counts are being designed to provide data with much greater subject and geographic detail than it is feasible or desirable to publish in printed reports. The data so tabulated are generally available—subject to suppression of certain detail where necessary to protect confidentiality—on magnetic computer tape, printouts, and microfilm, at the cost of preparing the copy.

First Count—source of the PC(1)-A reports; contains about 400 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for each of the approximately 250,000 enumeration districts in the United States.

Second Count—source of the PC(1)-B, HC(1)-A, and part of the PHC(1) reports; contains about 3,500 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States.

Third Count—source of the HC(3) reports; contains about 250 cells of data on the subjects covered in the PC(1)-B and HC(1)-A reports and tabulated for approximately 1,500,000 blocks in the United States.

Fourth Count—source of the PC(1)-C, HC(1)-B, and part of the PHC(1) reports; contains about 13,000 cells of data covering the subjects in these reports and tabulated for the approximately 35,000 tracts and 35,000 county subdivisions in the United States; also contains about 30,000 cells of data for each county.

Fifth Count—contains approximately 800 cells of population and housing data for 5-digit ZIP code areas in SMSA's and 3-digit ZIP code areas outside SMSA's; the ZIP code data are available only on tape.

Sixth Count—source of the PC(1)-D and HC(2) reports; contains about 260,000 cells of data covering the subjects in these reports and tabulated for States, SMSA's, and large cities.

The tapes are generally organized on a State basis. To use the First Count and Third Count tapes, it is necessary to purchase the appropriate enumeration district and block maps.

The term "cells" used herein to indicate the scope of subject content of the several counts refers to each figure or statistic in the tabulation for a specific geographic area. For example, in the Third Count, there are six cells for a cross-classification of race by sex: three categories of race (white, Negro, other race) by two categories of sex (male, female).

In addition to the above-mentioned summary tapes, the Census Bureau makes available for purchase certain sample tape files containing population and housing characteristics as shown on individual census records. These files contain no names or addresses, and the geographic identification is sufficiently broad to protect confidentiality. There are six files, each con-1-percent national sample of taining a persons and housing units. Three of the files are drawn from the population covered by the census 15-percent sample and three from the population in the census 5-percent sample. Each of these three files provides a different type of geographic information: One identifies individual large SMSA's and, for the rest of the country, groups of counties; the second individual States and, where they are sufficiently large, provides urban-rural and metropolitan-nonmetropolitan detail; and the third State groups and size of place, with each individual record showing selected characteristics of the persons's neighborhood.

U.S. DEPARTMENT OF COMMERCE Social and Economic Statistics Administration BUREAU OF THE CENSUS Washington, D.C. 20233

POSTAGE AND FEES PAID U.S. DEPARTMENT OF COMMERCE 202



OFFICIAL BUSINESS

Table	
1, 11, 19	VALUE
2, 12, 20	GROSS RENT
3, 13, 21	INCOME IN 1969
4, 14, 22	PLUMBING FACILITIES BY PERSONS PER ROOM
5, 15, 23	ROOMS
6, 16, 24	UNITS IN STRUCTURE
7, 17, 25	HOUSEHOLD COMPOSITION
8, 18, 26	PERSONS
9	DURATION OF VACANCY
10	SALES PRICE ASKED AND RENT ASKED

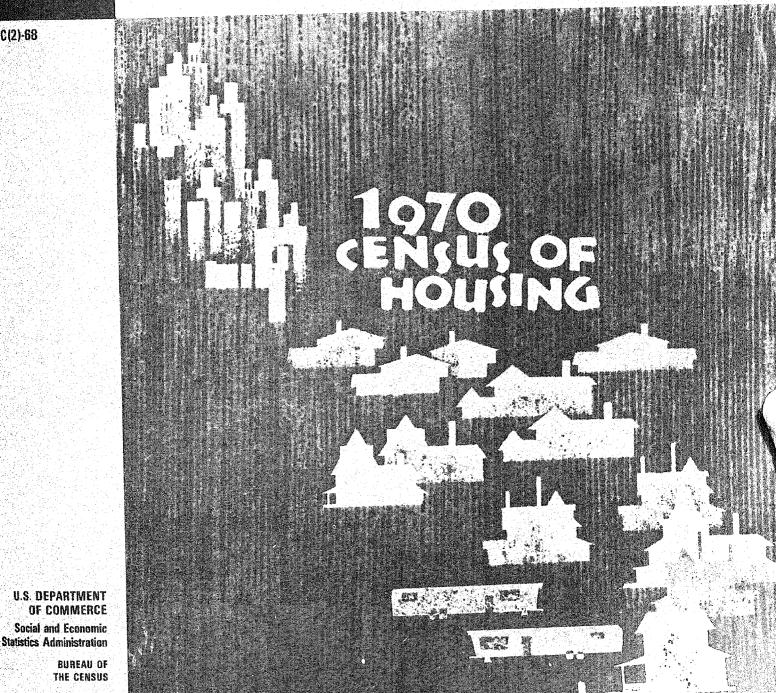
A UNITED STATES DEPARTMENT OF COMMERCE **PUBLICATION**



Metropolitan Housing Characteristics

FALL RIVER, MASS.-R.I. STANDARD METROPOLITAN STATISTICAL AREA

HC(2)-68



U.S. DEPARTMENT OF COMMERCE Social and Economic

> BUREAU OF THE CENSUS

U. S. DEPARTMENT OF COMMERCE

Peter G. Peterson, Secretary
James T. Lynn, Under Secretary
Harold C. Passer, Assistant Secretary for Economic Affairs
and Administrator,

Social and Economic Statistics Administration

BUREAU OF THE CENSUS

George Hay Brown, Director
Robert L. Hagan, Acting Deputy Director
Conrad Taeuber, Associate Director
Daniel B. Levine, Acting Deputy Associate Director
David L. Kaplan, 1970 Census Coordinator

HOUSING DIVISION

Arthur F. Young, Chief

ACKNOWLEDGMENTS—Many persons participated in the various activities of the 1970 census. Primary direction of the program was performed by Conrad Taeuber, Associate Director for Demographic Fields, assisted by David L. Kaplan, 1970 Census Coordinator, and in conjunction with Paul R. Squires, Associate Director for Data Collection and Processing, and Joseph Waksherg, Acting Associate Director for Statistical Standards and Methodology.

This report was planned and written in the Housing Division under the supervision of Arthur F. Young, Chief, by Aaron Josowitz, Assistant Division Chief, Nathan Krevor, Chief, Coordination and Research Branch, and Paul F. Coe, assisted by Robert W. Bonnette, William Downs, and Edward D. Montfort.

The procedures for sample selection, sample weighting, and computation of sampling variances were developed in the Statistical Methods Division, under the supervision of Morton Beisen, Acting Chief, and Robert H. Hanson and Walter M. Perkins, Assistant Division Chiefs, assisted by William T. Alsbrooks, Peter A. Bounpane, Barbara A. Boyes, and Carlton W. Pruden.

Geographic plans and procedures were developed in the Geography Division under the supervision of William T. Fay, then Chief, and Robert C. Klove and Gerald J. Post, Assistant Division Chiefs,

Data collection activities were administered by the Field Division, Richard C. Burt, Chief, and Dean H. Weber, Assistant Division Chief, with the assistance of the directors of the Bureau's data collection centers.

Systems and processing procedures were developed under the direction of Morris Gorinson, Assistant Chief, Demographic Census Staff. Florence Wright, assisted by Orville M. Siye and Erne Wilkins, was responsible for the clerical procedures and Roger O. Lepage, assisted by Howard N. Hamilton, William Norfolk, and Eleanor Banks, was responsible for the computer programming. Donald R. Dalzell was responsible for the computer procedures and programs used for the electronic preparation of the tables in this report.

The manual processing and microfilming of the questionnaires and the review of tabulation controls were performed in the Data Preparation Division (formerly Jeffersonville Census Operations Division), under the direction of Robert L. Hagan, then Chief, with the assistance of Rex L. Pullin. William L. Pangburn supervised the microfilming operation. Dan N. Harding, assisted by Nora H. Shouse, was responsible for the tabulation review work, in which Peter J. Fronczek also made important contributions.

FOSDIC and computer processing were performed in the Computer Services Division under the supervision of James R. Pepal, Chief, and E. Richard Bourdon and James W. Shores, Assistant Division Chiefs. Development of the FOSDIC equipment was directed by William M. Gaines, Assistant

Division Chief, and McRae Anderson. Division opment of the automatic microfilming equipment was directed by Anthony A. Berlinsky.

Publications planning, editing, composition, and printing procurement were performed in the Publications Services Division, under the direction of Raymond J. Koski, Acting Chief, by Milton S. Andersen, Gerald A. Mann, and Wayne H. Massey.

Important contributions were made by Robert B. Voight and Sherry L. Courtland in the planning and coordination of the 1970 census program; by Lucille D. Catterton in the planning of the tabular materials; and by John W. H. Spencer, Soi Dolleck, and M. Douglas Fahey in the systems design and operations for processing the census data.

SUGGESTED CITATION

U.S. Bureau of the Census
Census of Housing: 1970
METROPOLITAN HOUSING
CHARACTERISTICS
Final Report HC(2)-68
Fall River, Mass.-R.I. SMSA
U.S. Government Printing Office
Washington, D.C. 1972

For sale by the Superintendent of Documents U.S. Government Printing Office Washington, D.C. 20402, or any Department of Commerce Field Office.

Price 55 cents